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Mercantile Law,	5.15 p.m.	A.W.S.	Richard Brown.
Evidence and Law Procedure,	8.30 a.m.	A.W.	Robert Ure, M.A., LL.B.
Forensic Medicine,	8.30 a.m.	A.W.	John Glaister, M.D.
Jurisprudence,	4.15 p.m.	A.W.	W. R. Herkless, M.A., LL.B.
Constitutional Law and History,	5 p.m.	A.W.	William Findlay, M.A., LL.B.
Administrative Law,	8.30 a.m.	A.W.	Robert Ure, M.A., LL.B.
International Private Law,	5.15 p.m.	A.W.	———
Political Economy,	4.15 p.m.	A.W.S.	J. C. Morrison, M.A., LL.B.

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Senior Anatomy	10.45 A.M.	A. M. BUCHANAN, M.A., M.D., and Demonstrators.
Regional Anatomy (Or as may be arranged.)	4.10 P.M.	
Junior Anatomy	12 NOON.	
Practical do.	9 A.M. till 6 P.M.	
Chemistry	11 A.M.	J. ROBERTSON WATSON, M.A., and Assistants.
Chemical Laboratory	10 A.M. till 6 P.M.	
Physics	9 A.M.	PETER BENNETT.
Zoology	1 P.M.	G. BELL TODD, M.B.
Physiology	1 P.M.	D. CAMPBELL BLACK, M.D., and Assistant.
Materia Medica and Therapeutics	1 P.M.	R. BARCLAY NESS, M.A., M.B.
Surgery	12 NOON.	T. KENNEDY DALZIEL, M.B.
Practice of Medicine	11 A.M.	SAMSON GEMMELL, M.D., and Assistant.
Midwifery and Diseases of Women and Children	12 NOON.	W. L. REID, M.D., and Assistant.
Laryngology	5 P.M.	JOHN MACINTYRE, M.B.
Aural Surgery (Or as may be arranged.)	4 P.M.	JAMES ERSKINE, M.A., M.B.
Ophthalmic Medicine and Surgery, Friday	8 P.M.	T. SPENCE MEIGHAN, M.D.
Hygiene and Public Health (As may be arranged.)		J. PEARSON MUNRO, M.B.

SUMMER SESSION.

Osteology (for Beginners) 9 A.M. AND 1 P.M.

Regional Anatomy 11 A.M. & 4.10 P.M.
Or as may be arranged.

Practical Anatomy ... 6 A.M. till 6 P.M.

Practical Chemistry 10 A.M. till 6 P.M.

Medical Jurisprudence ... ... 11 A.M.
R. M. BUCHANAN, M.B.

Physics, ... 9 A.M.

Botany—THOMAS KING ..., 10 A.M.

Practical Botany 11 A.M. till 1 P.M.

Zoology ... ... 12 NOON.

Practical Zoology, as may be arranged.

Practical Materia Medica and Pharmacy ... ... 1 P.M.

Practical Physiology ... ... 1 P.M.

Operative Surgery ... ... 12 NOON.

Aural Surgery ... ... 4 P.M.
Or as may be arranged.

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Hygiene and Public Health, as may be arranged.

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AUGUST 1895.

1	Th	
2	F	
3	S	
4	**S**	
5	M	
6	Tu	
7	W	
8	Th	
9	F	
10	S	
11	**S**	
12	M	
13	Tu	
14	W	
15	Th	
16	F	
17	S	
18	**S**	
19	M	
20	Tu	
21	W	
22	Th	
23	F	
24	S	
25	**S**	
26	M	
27	Tu	
28	W	
29	Th	
30	F	
31	S	

SEPTEMBER 1895.

1	**S**	Names of Candidates for Bursaries in the gift of the Merchants' House, for Hutchesons' Educational Trust Bursaries, for William Whyte Bursary, for Glasgow City Educational Endowments Bursaries, for James Laing Bursaries, for Marshall Bursaries, and for Hannay Bursary to be given in as directed at p. 310. Names of Candidates for Ferguson Scholarships to be given in before this day.
2	M	
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	**S**	
9	M	
10	Tu	
11	W	
12	Th	Names of Candidates for Preliminary Examination in Arts, Science, Medicine, and Law, and Names of Competitors for Bursaries, to be given in to Assistant-Clerk (Matriculation Office).
13	F	
14	S	
15	**S**	
16	M	
17	Tu	
18	W	
19	Th	Names of Candidates for First, Second, and Third Professional Examinations in Medicine, for B.Sc. Examinations in Science, and for Certificate in Engineering Science, to be given in to Assistant-Clerk (Matriculation Office).
20	F	
21	S	
22	**S**	
23	M	
24	Tu	
25	W	Names of Candidates for Degrees in Law and Arts, and for Scholarships, etc., to be given in to Assistant-Clerk (Matriculation Office).
26	Th	
27	F	Preliminary Examinations in Arts, Science, Medicine, and Law begin. (See p. 146.) Competition for Bursaries begins.
28	S	
29	**S**	
30	M	

OCTOBER 1895.

1	Tu	Theses for M.D. given in. Degree Examinations—French, 1st Paper.	
2	W	Degree Examinations—German, 1st Paper.	
3	Th	Degree Examinations—French, 2nd Paper.	
4	F	Degree Examinations—German, 2nd Paper.	
5	S	Degree Examinations—Astronomy, Geology.	
6	S		
7	M	Degree Examinations—Zoology, Botany, Chemistry.	Competition for the Rainy and Lorimer Bursaries.
8	Tu	Degree Examinations—Physics, Physiology, Anatomy, Engineering Drawing, Naval Architecture, Ship Design, Scots Law, Philosophy of Law, Public Law. Meeting of Preliminary Examiners.	
9	W	Degree Examinations—Regional Anatomy, Materia Medica and Therapeutics, Pathology, Civil Engineering, Constitutional Law, Civil or Roman Law.	
10	Th	Degree Examinations—History, Conveyancing, Medical Jurisprudence, Civil Engineering. Meeting of Classical Committee of Joint Board. Meeting of Senate—Election of Senate Members of Library and other Committees.	
11	F	Meeting of Joint Board. Degree Examinations in Mathematics, etc., begin. (See pp. 161, 170.)	
12	S	Meeting of Joint Board. Examination for Arnott Prizes at 2 P.M. Last day for Professors sending in Names of Assistants to the Secretary of the University Court.	
13	S		
14	M	Matriculation begins.	
15	Tu		

OCTOBER 1895.

16	W	
17	Th	Results of Bursary Competition declared. Meeting of University Court. Appointment of University Assistants. Appointment of Governors at Victoria Infirmary and Managers at Western Infirmary.
18	F	
19	S	Degree Examinations—Political Economy, Hebrew, Education.
20	**S**	
21	M	Classes in Faculty of Arts meet.
22	Tu	Classes in Faculties of Science, Medicine, and Law meet.
23	W	
24	Th	
25	F	Names of Candidates for Degree of B.D. and for Bursaries, etc., in Divinity to be given in to Assistant-Clerk (Matriculation Office).
26	S	
27	**S**	
28	M	
29	Tu	Classes in Faculty of Divinity meet. Dr. Robertson's address.
30	W	(Last Wednesday.) Meeting of General Council. Last day for receiving Tradesmen's and other Accounts for preceding half-year. Last day for receiving Professors' Accounts for class-expenses for transmission to University Court. Examinations for B.D., and for Bursaries in Divinity, 1st day. (See p. 207.)
31	Th	Do. do., 2nd day.

NOVEMBER 1895.

1	F	
2	S	
3	S	
4	M	
5	Tu	
6	W	
7	Th	Meeting of Senate. Graduation. Representatives at Charitable and other Boards elected.
8	F	
9	S	
10	S	
11	M	
12	Tu	
13	W	
14	Th	Last day for giving in University Prize Essays. Matriculation ends. Meeting of University Court.
15	F	
16	S	
17	S	
18	M	
19	Tu	
20	W	
21	Th	

NOVEMBER 1895.

22	F	
23	S	
24	**S**	
25	M	
26	Tu	
27	W	
28	Th	
29	F	
30	S	

DECEMBER 1895.

1	**S**	
2	M	
3	Tu	
4	W	
5	Th	Meeting of Senate. Vacancies in Bursaries ascertained.
6	F	
7	S	
8	**S**	
9	M	
10	Tu	Payment of Tradesmen's Accounts.
11	W	
12	Th	Meeting of the University Court.
13	F	
14	S	
15	**S**	
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	
22	**S**	
23	M	Christmas Holidays commence.
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	**S**	
30	M	
31	Tu	

JANUARY 1896.

1	W	
2	Th	
3	F	
4	S	
5	**S**	
6	M	
7	Tu	First day on which the Classes meet after the Christmas Holidays.
8	W	
9	Th	(Second Thursday.) Meeting of Senate. Intimation from the several Faculties of the Election of Deans. Vacant Bursaries filled up. Appointment of Committees. Meeting of University Court. Appointment of Preliminary Examiners and Members of Joint Board.
10	F	
11	S	
12	**S**	
13	M	
14	Tu	
15	W	
16	Th	Last day for receiving Accounts for transmission to Court.
17	F	
18	S	
19	**S**	
20	M	
21	Tu	
22	W	
23	Th	
24	F	
25	S	
26	**S**	
27	M	
28	Tu	
29	W	
30	Th	
31	F	

FEBRUARY 1896.

1	S	Theses for M.D. given in.
2	**S**	
3	M	Holiday (Monday after last Friday of January).
4	Tu	Holiday (for Candlemas).
5	W	
6	Th	Meeting of Senate.
7	F	
8	S	
9	**S**	
10	M	
11	Tu	
12	W	
13	Th	(Second Thursday.) Meeting of University Court.
14	F	
15	S	
16	**S**	
17	M	
18	Tu	
19	W	
20	Th	
21	F	
22	S	
23	**S**	
24	M	
25	Tu	
26	W	
27	Th	
28	F	
29	S	

MARCH 1896.

1	S	
2	M	Holiday (Monday after last Friday of February).
3	Tu	Names of Candidates for Examinations for Degrees in Arts and Law to be given in to Assistant-Clerk (Matriculation Office).
4	W	Names of Candidates for First, Second, and Third Professional Examinations in Medicine, for B.Sc. Examinations in Science, and for Certificate in Engineering Science, given in to Assistant-Clerk (Matriculation Office).
5	Th	Meeting of Senate. Reports of Committees on Honorary Degrees. Schemes of Courses in Arts, Science, and Medicine to be sent by Professors and Lecturers to Conveners of Boards of Studies.
6	F	Reports on Prize Essays.
7	S	
8	S	Names of Candidates for Preliminary Examination in Arts, Science and Medicine, and for French and German for B.L., to be given in to Assistant-Clerk (Matriculation Office).
9	M	
10	Tu	
11	W	
12	Th	Meeting of University Court.
13	F	
14	S	
15	S	
16	M	
17	Tu	
18	W	
19	Th	(Penult Thursday.) Meeting of Senate. Election of Commissioner to General Assembly. Snell Examiners appointed. Appointment to International Exhibition Scholarship.
20	F	Winter Classes in Faculty of Medicine, &c., close. Names of Candidates for Degree of B.D. given in to Assistant-Clerk (Matriculation Office).
21	S	Degree Examinations—Astronomy, Geology.
22	S	
23	M	Do. do. Zoology, Botany, Chemistry, Scots Law, Public Law.
24	Tu	Do. do. Drawing, Physics, Physiology, Anatomy, Naval Architecture, Ship Design, Civil or Roman Law, Constitutional Law.
25	W	Do. do. Regional Anatomy, Materia Medica and Therapeutics, Pathology, Civil Engineering, Hebrew, Education, Conveyancing, Medical Jurisprudence.
26	Th	Do. do. Civil Engineering, Political Economy, Divinity, Textual Criticism, Philosophy of Law.
27	F	Do. do. Church History, Hermeneutics, History. Preliminary Examinations in Arts, Science, and Medicine begin. (See p. 146.)
28	S	Degree Examinations in remaining Arts Subjects and Snell Exhibition begin. (See pp. 161, 170.)
29	S	
30	M	
31	Tu	Last day for receiving Professors' Accounts of Class Expenses, Tradesmen's, Forty-five shilling, and other Accounts for transmission to Court.

APRIL 1896.

1	W	Meeting of General Council.
2	Th	Meeting of Senate.
3	F	
4	S	Last day for returning Books to Library.
5	S	
6	M	
7	Tu	Meeting of Preliminary Examiners.
8	W	Meeting of Joint Board.
9	Th	Meeting of Joint Board.
10	F	
11	S	
12	S	
13	M	
14	Tu	Graduation in all the Faculties. Honorary Graduation. Distribution of University Prizes. Library re-opened.
15	W	Meeting of Senate.
16	Th	Meeting of University Court.
17	F	
18	S	
19	S	
20	M	

APRIL 1896.

21	Tu	Summer Medical Classes open.
22	W	
23	Th	
24	F	
25	S	
26	**S**	
27	M	
28	Tu	
29	W	
30	Th	

MAY 1896.

1	F	
2	S	
3	**S**	
4	M	
5	Tu	
6	W	
7	Th	Meeting of University Court.
8	F	
9	S	Payment of Tradesmen's and other Accounts. Meeting of Faculty of Medicine.
10	**S**	
11	M	
12	Tu	Names of Candidates for Final Professional Examination in Medicine to be given in to Assistant-Clerk (Matriculation Office).
13	W	
14	Th	
15	F	
16	S	
17	**S**	
18	M	
19	Tu	
20	W	
21	Th	
22	F	
23	S	
24	**S**	
25	M	
26	Tu	
27	W	
28	Th	
29	F	
30	S	
31	**S**	

JUNE 1896.

1	M	Theses for M.D. given in.
2	Tu	
3	W	
4	Th	
5	F	
6	S	
7	**S**	
8	M	Clinical Examinations begin.
9	Tu	
10	W	
11	Th	Meeting of University Court
12	F	
13	S	
14	**S**	
15	M	
16	Tu	
17	W	
18	Th	
19	F	
20	S	
21	**S**	
22	M	
23	Tu	
24	W	
25	Th	
26	F	
27	S	
28	**S**	
29	M	
30	Tu	

JULY 1896.

1	W	
2	Th	
3	F	
4	S	
5	**S**	
6	M	Final Professional Written Examinations for Degrees in Medicine on this and two following days. (See p. 193.)
7	Tu	
8	W	
9	Th	Meeting of University Court. Appointment of Lecturers.
10	F	
11	S	
12	**S**	
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	**S**	
20	M	
21	Tu	
22	W	
23	Th	Meeting of Senate. Graduation in Medicine.
24	F	
25	S	
26	**S**	
27	M	
28	Tu	
29	W	
30	Th	
31	F	

UNIVERSITY OFFICERS.

	Elected.	Electors.
Chancellor—The Right Hon. the Earl of Stair, K.T., LL.D.,	1884	General Council.
Vice-Chancellor—John Caird, D.D., LL.D.,	1873	Chancellor.
Rector—The Right Hon. Sir John Eldon Gorst, Q.C., M.P.,	1893	Matriculated Students.
Principal—John Caird, D.D., LL.D.,	1873	Crown.
Dean of Faculties—Sheriff Berry, LL.D.,	1895	Senate.
Parliamentary Representative—James A. Campbell, LL.D.,	1880	General Council.

University Court.

The Rector, *ex officio.*

The Principal, *ex officio.*

The Lord Provost of Glasgow, *ex officio.*

	Elected.	Electors.
Sir James King, Bart., LL.D.,	1887	Chancellor.
Matthew P. Fraser, LL.B.,	1893	Rector.
James Colquhoun, LL.D.,	1890	Lord Provost, Magistrates, and Town Council of Glasgow.
Rev. J. W. King, D.D.,	1891	General Council.
D. C. M'Vail, M.B.,	1891	
Hector C. Cameron, M.D.,	1893	
Sir John N. Cuthbertson, LL.D.,	1893	
Professor Gairdner, M.D., (1891)	1893	Senate.
Sheriff Berry, LL.D.,	1892	
Professor Stewart, D.D.,	1893	
Professor Jack, LL.D.,	1894	

Senatus Academicus.*

PRESIDENT, - - - THE PRINCIPAL. - - - - 1873

PROFESSORS.

	Chairs.	Appointed
——	*Divinity*,	
Lord Kelvin, LL.D., D.C.L., P.R.S.,	*Natural Philosophy*,	1846
William T. Gairdner, M.D., LL.D., F.R.S.,	*Practice of Medicine*,	1862
George G. Ramsay, LL.D.,	*Humanity*,	1863
John Young, M.D.,	*Natural History*,	1866
Pierce A. Simpson, M.A., M.D.,	*Forensic Medicine*,	1872
William Stewart, D.D.,	*Biblical Criticism*,	1873
George Buchanan, M.A., M.D., LL.D.,	*Clinical Surgery*,	1874
T. M'Call Anderson, M.D.,	*Clinical Medicine*,	1874
John Ferguson, M.A., LL.D., F.S.A.,	*Chemistry*,	1874
John Gray M'Kendrick, M.D., LL.D., F.R.S.,	*Physiology*,	1876
James Robertson, D.D.,	*Hebrew and Semitic Languages*,	1877
John Cleland, M.D., LL.D., D.Sc., F.R.S.,	*Anatomy*,	1877
William Jack, LL.D.,	*Mathematics*,	1879
Matthew Charteris, M.D.,	*Materia Medica*,	1880
Frederick O. Bower, Sc.D., F.R.S.,	*Botany*,	1885
Robert Herbert Story, D.D.,	*Church History*,	1886
Alexander Moody Stuart, LL.D.,	*Law*,	1887
Andrew Cecil Bradley, M.A.,	*English Language and Literature*,	1889

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* "The precedency of the Masters in point of ceremony shall, in all time coming, be, that the Professor of Divinity take place first after the Principal, and that all the other Masters and Professors of whatever kind take place of other according to the seniority and time of their admissions into their respective offices."—*Statute of Royal Visitation, 1727.*

PROFESSORS—*Continued.*	CHAIRS.	Appointed
George G. A. Murray, B.A.,	*Greek,*	1889
Archibald Barr, D.Sc.,	*Civil Engineering and Mechanics,*	1889
James Moir,	*Conveyancing,*	1889
John Harvard Biles,	*Naval Architecture, including Marine Engineering,*	1891
William Macewen, M.D., LL.D.,	*Surgery,*	1892
Ludwig Becker, Ph.D.,	*Astronomy,*	1893
Murdoch Cameron, M.D.,	*Midwifery,*	1894
Joseph Coats, M.D.,	*Pathology,*	1894
Henry Jones, M.A.,	*Moral Philosophy,*	1894
Richard Lodge, M.A.,	*History,*	1894
Robert Adamson, LL.D.,	*Logic and Rhetoric,*	1895

Lecturers.

John Young, M.D.,	*Honyman Gillespie Lecturer.*
Thomas Reid, M.D.,	*Waltonian Lecturer.*
David Yellowlees, M.D., LL.D.,	*Insanity.*
Magnus Maclean, M.A.,	*Physics.*
Wm. Galbraith Miller, M.A., LL.B.,	*Public International Law; International Private Law; and General Jurisprudence.*
Wm. S. M'Kechnie, M.A., LL.B.,	*Constitutional Law and History.*
James M. Irvine, B.Sc., LL.B.,	*Civil Law.*
James Mackenzie,	*Mercantile Law.*
William Smart, LL.D.,	*Political Economy.*
David Ross, M.A., B.Sc., LL.D.,	*Education.*
Alfred Mercier, L. ès L.	*French Language and Literature.*
Thomas Barr, M.D.,	*Diseases of the Ear.*
J. Walker Downie, M.B.,	*Diseases of the Throat and Nose.*

John Caird, D.D., LL.D.,	*Natural Theology* (Gifford Foundation).
* Adolphus A. Jack, B.A.,	*English Language and Literature.*
* Alexander Tille, Ph.D.,	*German Language and Literature.*
* James Blyth, M.A.,	*Natural Philosophy.*
* Thomas Gray, B.Sc.,	*Chemistry.*
* Thomas H. Bryce, M.A., M.B.,	*Anatomy.*
* Charles O. Hawthorne, M.B.,	*Materia Medica.*
———	*Pathology.*
———	*Surgery.*
———	*Practice of Medicine.*
John Brown, M.A.,	*Humanity.*
R. M. Burrows, M.A.,	*Greek.*
G. A. Gibson, M.A.,	*Mathematics.*

* Lecturers at Queen Margaret College.

University Assistants or Demonstrators.*

English Language and Literature,	John M. Connor, M.A.
Humanity,	John Brown, M.A. Daniel Rankin, B.A.
Greek,	George Macdonald, M.A. Ronald M. Burrows, M.A.
Hebrew and Semitic Languages,	Thomas H. Weir, B.D.
Natural Philosophy,	Magnus Maclean, M.A., F.R.S.E. Alexander Galt, B.Sc.
Arnott and Thomson Demonstrator in *Experimental Physics,*	James Thomson Bottomley, M.A., D.Sc., F.R.S.
Mathematics,	George A. Gibson, M.A. Daniel Lamont, M.A.
Civil Engineering and Mechanics,	Alexander B. Dobbie, B.Sc. ("Young" Assistant). James D. Mackinnon.
Logic,	Robert M. Wenley, M.A., D.Sc.
Moral Philosophy,	Norman D. Smith, M.A.

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* The Assistants and Demonstrators in this list were for 1894-95. Those for 1895-96 fall to be appointed before the beginning of the session.

Naval Architecture, - - -	William Stevenson.
Practice of Medicine, - - -	John H. Carslaw, M.A., M.D.
Anatomy, - - - -	Alexander Macphail, M.B., C.M. John Morton, M.B., C.M. Alfred A. Young, M.A., M.B., C.M. James F. Gemmill, M.A., M.B., C.M.
Surgery, - - - - -	George Ritchie Thomson, M.B., C.M.
Midwifery, - - - - -	H. St. Clair Gray, M.D.
Chemistry, - - - -	James Stanley Muir, B.Sc. William R. Lang, B.Sc. William C. Anderson, B.Sc., M.A.
Botany, - - - -	John C. Willis, M.A. William H. Lang, B.Sc.
Natural History, - - -	James Rankin, B.Sc.
Baxter Demonstrator in *Geology,*	Robert Buchanan, M.A., B.Sc.
Materia Medica, - - -	William MacLennan, M.B., C.M.
Physiology, - - - -	William Snodgrass, M.A., M.B., C.M. (Muirhead Demonstrator). David F. Harris, B.Sc., M.B., C.M.
Pathology, - - - - -	Lewis R. Sutherland, M.B., C.M.
Forensic Medicine, - -	T. Kennedy Dalziel, M.B. Gavin M'Callum, M.B., C.M.
Clinical Surgery (Dr. Macewen),	Peter Paterson, M.B., C.M.
Clinical Surgery (Dr. Buchanan), - - - -	J. C. Renton, M.D. G. Burnside Buchanan, B.A. (Cantab), M.B., C.M.
Clinical Medicine (Dr. Gairdner), - - - -	Charles O. Hawthorne, M.B., C.M. John H. Carslaw, M.A., M.D.
Clinical Medicine (Dr. Anderson), - - - -	James Hinshelwood, M.A., M.D. William R. Jack, B.Sc., M.D.

Examiners for Degrees.

In Divinity.—The Professors in the Faculty of Theology.

In Law.—The Professors and Lecturers in the Faculty of Law, assisted by

Robert T. Younger, LL.B., Advocate.
W. Craig Roberton, LL.B.

In Medicine.—The Professors and Lecturers in the Faculty of Medicine, as specified in Section XXIV. of Ordinance No. 14, and the following additional Examiners:—

Alex. M. Buchanan, M.A., M.D.
J. R. Green, M.A., F.R. & L.S.
Samuel Sloan, M.D.
William J. Naismith, M.D.
John H. Fullarton, D.Sc.
D. Noel Paton, M.D.
R. F. C. Leith, M.B.
John Barlow, M.D.
John Duff, M.D.
Andrew Gray, M.A.
Henry E. Clark, M.R.C.S.
Thomas D. Savill, M.D.

In Arts.—The Professors and Lecturers in the Faculty of Arts, as specified in Section XIV. of Ordinance No. 13, assisted by

Andrew Gray, M.A.,	Examiner in	Mathematics, - -	1892*
Wallace M. Lindsay, M.A.,	,,	Classics, - - -	1893
Evan Keri Evans, M.A.,	,,	Logic and Moral Philosophy, - - -	1894
Hugh Walker, M.A.,	,,	English, - - -	1894
James Colville, D.Sc.,	,,	History, - - -	1895
James Milligan, M.A.,	,,	Education, - - -	1895
William Bathgate, M.A.,	,,	French and German, -	1895

In Science.—Professor Lord Kelvin, D.C.L., Professor Young, M.D., Professor Ferguson, LL.D., Professor M'Kendrick, M.D., Professor Cleland, M.D., Professor Jack, LL.D., Professor Bower, D.Sc., Professor Barr, D.Sc., Professor Biles, Professor Becker, Ph.D., assisted by additional examiners.

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* Mr. Gray's term of office expires in the end of December, 1895.

Preliminary Examiners in Arts, Science, and Medicine.—†Professor Ramsay, LL.D., Professor Jack, LL.D., †Professor Bradley, M.A., Professor Murray, M.A., Professor Lodge, M.A., Professor H. A. Strong, LL.D., J. W. Marshall, M.A., †R. H. Pinkerton, M.A., A. M. Williams, M.A., †A. M. Bell, H. S. Beresford Webb, William Bathgate, M.A.

Other Officials.

Keeper of Hunterian Library and Museum, - - -	Professor Young, M.D.
Under-Keeper, - - -	John Young, LL.D., F.G.S.
Curator of Library, - -	Professor Dickson, D.D., LL.D.
Librarian, - - - -	James Lymburn.
Sub-Librarian, - - -	James L. Galbraith.
Secretary to the University Court, - - - -	Alan E. Clapperton, B.L., 91 West Regent Street.
Clerk of Senate, - - -	Professor Stewart, D.D., 18 Annfield Terrace, Partickhill.
Assistants to the Clerk of Senate, - - - -	W. Innes Addison, Matriculation Office. James Coutts, M.A., Registration Office. Miss Galloway, Secretary at Queen Margaret College.
Registrar of the General Council, - - - -	James Coutts, M.A.
Clerk of the General Council, -	Archibald Craig, LL.B., 156 St. Vincent Street.
Factors, - - - -	Hill & Hoggan, 194 Ingram Street.
Law-Agents, - - -	Mitchells, Johnston & Co., 160 West George Street.

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† Members of the Joint Board.

Auditors,	Brown, Fleming & Murray, 163 West George Street.
Publishers and Booksellers to the University,	James MacLehose & Sons, 61 St. Vincent Street.
Printers to the University,	Robert MacLehose & Co., 153 West Nile Street.
Robe Makers to the University,	James Thomson & Son, 84 St. Vincent Street.

HEAD SERVANTS.

Bedellus and Janitor,	Lauchlan M'Pherson.
Master of Works,	David Stewart.

Students' Representative Council.

President—William M. R. Pringle.

Vice-Presidents—J. A. Stokes Little, M.A.; John G. Spens, M.A.

Secretary—J. Scoular Thomson, The Schoolhouse, Kilchattan Bay, Bute.

Assistant Secretaries—J. L. Tulloch, M.A. (Divinity); James W. Copeland (Arts); A. Roy Johnstone (Law); David J. Young (Medicine); and H. L. Ferguson, B.Sc. (Science).

Treasurer—Alfred J. Fleming, M.A., Sheriff Villa, Rutherglen.

Executive Committee:

Arts—Campbell Taylor, W. L. Parkin.

Medicine—Hyam Goodman, M.A.

I.—THE UNIVERSITY.

The University of Glasgow is a corporate body, which has always included a Chancellor, Rector, Dean of Faculties, Principal, Professors, and Students. It was originally founded, like most other ancient establishments of the same nature, by the authority of the See of Rome. Pope Nicholas V., by a bull, dated the seventh of January, 1450-1, erects and establishes in Glasgow a "*Studium Generale . . . tam in theologia ac jure canonico et civili, quam in artibus, et quavis alia licita facultate.*" He then declares that this University shall have the same power of creating Masters and Doctors as any other "*studium generale*" in Christendom, and appoints the Bishop of Glasgow and his successors, Chancellors and Rectors by his authority. In the same year a body of statutes was prepared, and the University established by the exertions of the Bishop and his Chapter. It consisted, at this time, of the Chancellor and Rector, of various Masters and Doctors in the Faculties of Theology, Canon Law, and the Arts; and, lastly, of the incorporated students in these Faculties, who might be promoted to the same degrees in each, after following out the course of study prescribed in the statutes.

The University, at this time, had received no endowments, and was possessed of no property, except a University purse, into which were put some small perquisites on conferring degrees, and the patronage of two or three small chaplainries. It continued, however, to discharge its important functions with great zeal and activity, and attracted a greater number of members than could well have been expected in that rude period of society. The University Records contain little information as to lectures delivered in the Higher Faculties, or the number of the students who attended them. But we learn that within three or four years after the establishment of the University, so many young men were matriculated in the Faculty of Arts, that it was thought expedient to provide a house in which they might reside, and to secure a regular set of teachers for their instruction.

The house provided for the accommodation of the students in Arts was known by the name of Pædagogium, or the College of Arts. It is said to have been situated in the Rottenrow; but in the year 1460, James, Lord Hamilton, bequeathed to Mr. Duncan Bunch, principal Regent of the College of Arts, and his successors, Regents, for the use of the said College, a tenement in the High Street, with four acres of land adjoining. In buildings situated on this ground the classes of the University continued to meet for upwards of four hundred years.

The Reformation produced at first great disorder in the University, its members being clergymen of the Catholic persuasion, and its chief support being derived from the Church. In 1577, James VI. prescribed very particular rules with regard to the College and the form of its government, and made a considerable addition to its funds. The charter by which the king made these regulations, and gave that property, is known by the name of *Nova Erectio*.

By this charter, provision was made for the support of a Principal, who was to teach Theology and the Holy Scriptures, and was also Professor of Hebrew and Syriac, and three Regents, of whom one was to teach Greek and Rhetoric, another Dialectics, Morals, and Politics, with the Elements of Arithmetic and Geometry, and the third, who was also Sub-Principal, was to teach all the branches of Physiology and Geography, Chronology and Astrology. The Regents were to keep each by his own Profession, so that the student had a new Regent every year.[1]

From this small beginning, the University continued to prosper till the era of the Restoration, having at that time, besides the Principal, two Professors of Theology, one of Medicine, four Regents or Professors of Philosophy, and one of Humanity, a Librarian, with a tolerable Library, an increased number of Bursars and of other students of all ranks. At the Restoration, however, being deprived of a great part of its revenues in consequence of the re-establishment of Episcopacy, three of the Professorships fell into abeyance, and the College was again reduced to a Principal, a Professor of Theology, and four Regents. This state of matters continued till the Revolution, when the University again began to prosper after a long period of depression.[1] In the next thirty years seven Professorships were either originally founded or revived, viz. :—those of Mathematics (1691), Humanity (1706), Oriental Languages (1709), Civil Law (1712), Medicine (1712), Church History (1716), and Anatomy (1718); and to these a Professorship of Astronomy was added in 1760. The remaining seventeen Professorships were founded during the present century, viz. :—Natural History, (1807), Surgery (1815), Midwifery (1815), Chemistry (1817), Botany (1818), Materia Medica (1831), Institutes of Medicine (1839), Forensic Medicine (1839), Civil Engineering (1840), Conveyancing (1861), English Language and Literature (1861), Divinity and Biblical Criticism (1861), Clinical Surgery (1874), Clinical Medicine (1874), Naval Architecture (1883), History (1893), Pathology (1893).

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[1] This system was altered in 1642, in accordance with the practice of the other Universities; but returned to after the Revolution. The four classes necessary to Graduation in Arts were called—the first, Bajan; the second, Semi; the third, Baccalour; the fourth, Magistrand.

UNIVERSITY BUILDINGS.

The changes in the City of Glasgow having so entirely altered the character of the district in which the University Buildings were planted four hundred years ago, as to render the locality altogether unsuitable for an Academic Institution; and the buildings themselves having become, by their limited extent and defective construction, inadequate for the modern requirements of a great educational establishment; measures were adopted for the removal of the University to more extended and commodious buildings, and for this purpose a large extent of ground was secured in the lands of Gilmorehill, in the western part of the City.

In 1846, a Bill for the sale of the College grounds and buildings to the Monklands Junction Railway Company, and the transference of the University to a new site on Woodlands, was passed by both Houses of Parliament, and received the Royal assent. But that measure failed by the inability of the Railway Company to implement their engagements; and the Senate of the University found no favourable opportunity for the renewal of the scheme, till the year 1863, when a proposal for the purchase of the College lands and buildings was made by the City of Glasgow Union Railway Company, and a sale was accordingly effected to that Company, under their Act of Parliament, in 1864, at the price of £100,000.

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[1] See Dr. Thomas Reid's Account of the University of Glasgow.

The funds at the disposal of the University to carry out the scheme of removal consisted of—(1.) The produce of the sale of the old College and grounds, £100,000,—(2.) A sum of £17,500, consisting of the principal sum of £10,000, obtained by the University as compensation from the Monklands Junction Company, for non-fulfilment of their agreement, with interest since the time of payment, and—(3.) A sum of £21,400, promised by her Majesty's Government in aid of the scheme of removal, conditionally on a further sum of £24,000 being raised by public subscription, for the erection of a sick hospital in connection with the new University Buildings.

With these funds at their disposal, buildings might have been erected sufficient for the transaction of the ordinary business of instruction in the same manner as heretofore, and for the accommodation of the Library and Museum, but they must have been of the plainest design, and on a scale quite inadequate to provide for the future extension of the University.

In these circumstances, the Senate resolved to make an earnest appeal for aid to the Government and to the public. This appeal was responded to in the most generous and gratifying manner. In a short time a sum of nearly £100,000 was subscribed, chiefly in the City of Glasgow; and the Government, appreciating the importance of the work, and the public interest it had excited, announced their intention to ask Parliament for the sum of £120,000, in six annual instalments, on condition of a like amount being raised by subscription and expended on the buildings. This sum was paid out of the National Treasury, and there has been received from the public subscription for the University Buildings and the Western Infirmary and from legacies the large amount of £256,429, including £45,000 from the Marquis of Bute for the erection of the Bute Hall, £5,000 from Dr. J. M'Intyre for the University Union Buildings, £4,274 from the late Sir William Pearce, Bart., for the removal of the old College front and the re-erection of the materials at the north-east gateway, £5,000 bequeathed by Mr. Andrew Cunningham, and £1,000 (less legacy duty) bequeathed by Mr. James Marshall for the completion of the tower, and special subscriptions amounting to £2,600 for building and furnishing the Gymnasium. A sum of £30,000 was allocated to the Western Infirmary. New buildings, designed by the late Sir G. Gilbert Scott, were erected on the grounds of Gilmorehill; and in these buildings the classes of the University met for the first time in session 1870-71. In 1893 the buildings and grounds were extended by the gift of North Park House and Grounds for the use of the women students of the University.

GOVERNMENT OF THE UNIVERSITY.

Previous to the Universities Act of 1858 the whole business of the University was transacted in three distinct courts—namely the Senate, the Faculty, and the Comitia.

The *Senate* consisted of the Rector, the Dean, the Principal, and all the Professors of the University. Meetings of the Senate were held for conferring degrees, and for the management of the libraries and other matters belonging to the University.

The *Faculty*, or College Meeting, consisted of the Principal, who presided, and the Professors of Divinity, Church History, Oriental Languages, Natural Philosophy, Moral Philosophy, Mathematics, Logic, Greek, Humanity, Civil Law, Medicine, Anatomy, and Practical Astronomy. The Members of Faculty had the administration of the whole revenue and property of the College, along with the right of exercising the patronage of eight professorships vested in the College. They also presented a Minister to the Parish of Govan, and had the gift of various bursaries.

The Constituent Members of the *Comitia* were the Rector, the Dean, the Principal, the Professors, and the Matriculated Students of the University. The Rector or Vice-Rector presided in this Court, and also in the Senate. Meetings of the Comitia were held for the election and admission of the Rector, for hearing the inaugural discourses of the Principals and Professors previously to their admission to their respective offices, and for promulgating the laws of the University.

Besides these a court, called the *Jurisdictio Ordinaria*, consisting of the Principal, the four Regents (viz., the Professors of Greek, Logic, Ethics, and Physics), and the Professor of Humanity, with the gowned students, met occasionally, for the exercise of discipline over the junior students.

By the Scottish Universities Act, 21 and 22 Vict., chap. 83, important changes were made in the constitution and government of the University. The distinction between the Faculty and the Senate was abolished; two new bodies, called the University Court and University Council, were instituted; and Commissioners were appointed, armed with extensive powers of revision and regulation, who issued ordinances, sanctioned by Her Majesty, for the administration of the affairs of the University.

Further changes were made by the Universities (Scotland) Act, 1889. A Committee of Her Majesty's Privy Council was constituted, styled the Scottish Universities Committee of the Privy Council. An Executive Commission was created and is now sitting, with power to repeal or modify any ordinance made under the Act of 1858. The Commissioners have issued ordinances, *inter alia*, for Degrees in Arts, Science, Divinity, Law, and Medicine, and for the graduation and instruction of Women. They have also issued an ordinance (No. 60) laying down regulations for the constitution of the Students' Representative Council, and regulations under which that Council shall be entitled to petition the Senatus Academicus and the University Court.

CHANCELLOR.

The Chancellor is the head of the University, and, by himself or his deputy, has the privilege of conferring Academical Degrees upon persons found qualified by the Senate. All changes in the internal arrangements of the University must have the sanction of the Chancellor before being carried into effect. He is elected by the General Council, of which he is president. His office is held during life. He nominates an Assessor in the University Court, and he is empowered to appoint a Vice-Chancellor to discharge his office in his absence, so far as regards conferring Degrees, but in no other respect. The office of Vice-Chancellor has usually been, and is now, held by the Principal.

Chancellors from the year 1642.

1642. James Hamilton, Marquis of Hamilton.
1660. William Cunningham, Earl of Glencairn.
1661. Andrew Fairfowl, Archbishop of Glasgow.
1664. Alexander Burnett, ,, ,,

1670. Robert Leighton, Archbishop of Glasgow.
1674. Alexander Burnett, ,, ,,
1679. Arthur Ross, ,, ,,
1684. Alexander Cairncross, ,, ,,
1687. John Paterson, ,, ,,
1692. John Carmichael, Earl of Hyndford.
1715. James Graham, Duke of Montrose.
1743. William Graham, ,, ,,
1781. James Graham, ,, ,,
1837. James Graham, ,, ,,
1875. Sir William Stirling-Maxwell, Bart., M.P.
1878. Walter Francis, Duke of Buccleuch and Queensberry, K.G.
1884. John Hamilton Dalrymple, Earl of Stair, K.T.

RECTOR.

The Rector is elected by the matriculated students of the University, divided into four nations.[1] In the case of an equality of nations the Chancellor had, in accordance with the Act of 1858, the casting vote, but under the Act of 1889 the Commissioners have ordained (Ord. No. 7) that the election shall be determined by the majority of votes of all the students voting whenever the votes of the nations shall be equally divided. The Universities Commissioners (1858) ordained that the election should take place upon the 15th November (the 16th, if the 15th fell on a Sunday); but by Ordinance No. 139,[2] issued on 29th March, 1895, the election is to take place on such day in the month of October or November as may be fixed by the University Court after consultation with the Senate, but the date cannot be later than the second Saturday in November in any year. The term of office is three years. The Rector is the official President of the University Court.

[1] The nations are constituted as follows:—

1. The Natio Glottiana consists of all matriculated students born within the County of Lanark.
2. The Natio Transforthana consists of all matriculated students born within any of the Counties of Orkney and Shetland, Caithness, Sutherland, Ross, Inverness, Cromarty, Nairn, Moray, Banff, Aberdeen, Perth, Forfar, Kincardine, Clackmannan, Fife, Kinross, Argyle, Stirling, and Dumbarton.
3. The Natio Rothseiana consists of all matriculated students born within any of the Counties of Bute, Renfrew, and Ayr.
4. The Natio Loudoniana consists of all matriculated students not included in any of the other nations.

[2] This Ordinance comes into force when approved by Her Majesty in Council.

Rectors from 1773.

1773.	Charles Cathcart, Lord Cathcart.
1775.	Lord Chief Baron Montgomerie.
1777.	Andrew Stewart, Esq. of Torrance.
1779.	James Maitland, seventh Earl of Lauderdale.
1781.	Right Hon. Henry Dundas.
1783.	Right Hon. Edmund Burke.
1785.	Robert Graham, Esq. of Gartmore.
1787.	Adam Smith, LL.D.
1789.	Walter Campbell, Esq. of Shawfield.
1791.	Thomas Kennedy, Esq. of Dunure
1793.	William Mure, Esq. of Caldwell.
1795.	William M'Dowall, Esq. of Garthland.
1797.	George Oswald, Esq. of Auchincruive.
1799.	Right Hon. Sir Ilay Campbell, Lord President.
1801.	William Craig, a Lord of Session.
1803.	Lord Chief Baron Dundas.
1805.	Henry Glassford, Esq. of Dugalston.
1807.	Archibald Colquhoun, Esq. of Killermont.
1809.	Archibald Campbell, Esq. of Blythswood.
1811.	Lord Archibald Hamilton.
1813.	Thomas Graham, Lord Lynedoch.
1815.	David Boyle, Lord Justice Clerk.
1817.	George Boyle, Earl of Glasgow.
1819.	Kirkman Finlay, Esq., M.P.
1820.	Francis Jeffrey, Esq., Advocate.
1822.	Sir James Mackintosh, M.P.
1824.	Henry Brougham, Esq., M.P.
1826.	Thomas Campbell, LL.D.
1829.	Henry Petty, Marquis of Lansdowne.
1831.	Henry Cockburn, Esq., Solicitor-General.
1834.	Lord Stanley, M.P.
1836.	Sir Robert Peel, Bart., M.P.
1838.	Sir J. G. R. Graham, Bart., M.P.
1840.	John Campbell, Marquis of Breadalbane.
1842.	Right Hon. Fox Maule, M.P.
1844.	Andrew Rutherford, Esq.
1846.	Lord John Russell.
1847.	Colonel Mure of Caldwell.
1848.	Thomas Babington Macaulay, Esq.
1850.	Archibald Alison, Esq., Sheriff of Lanarkshire.
1852.	Earl of Eglinton.
1854.	Duke of Argyle.
1856.	Sir Edward Bulwer Lytton.
1859.	Earl of Elgin.
1862.	Viscount Palmerston.

1865. John Inglis, Lord Justice Clerk.
1868. Lord Stanley (afterwards Earl of Derby).
1871. Right Hon. Benjamin Disraeli, M.P. (Earl of Beaconsfield).
1877. Right Hon. William Ewart Gladstone, M.P.
1880. Right Hon. John Bright, M.P.
1883. Right Hon. Henry Fawcett, M.P.
1884. Edmund Law Lushington, LL.D., D.C.L.
1887. Right Hon. Earl of Lytton, G.C.B., G.C.S.I., C.I.E.
1890. Right Hon. Arthur James Balfour, M.P.
1893. RIGHT HON. SIR JOHN ELDON GORST, M.P.

DEAN OF FACULTIES.

From the beginning there has been in the University an officer of dignity with the title of Dean of Faculty or Dean of Faculties. The duties of the office, as originally constituted, were to exercise a superintendence over the studies, and, in conjunction with the Masters, to judge of the qualifications of applicants for degrees. From the year 1772 it was the duty of the Dean, in concert with the Rector and the Minister of Glasgow, to examine the accounts of the administration of the Revenue, and to give advice to the Principal and Professors, when it was necessary for them to institute a judicial inquiry into the conduct of any of their number. By the Universities Act of 1858 the Dean of Faculties was a member of the University Court, but in the enumeration of the constituent members of the new University Court in the Act of 1889 the name does not occur. The election is made annually by the Senate at the close of the winter session.

Deans from the year 1800.

1800. James Couper, D.D.
1802. Archd. Campbell, Esq., of Succoth.
1804. Gavin Gibb, D.D.
1806. Duncan Macfarlan, D.D.
1808. Gavin Gibb, D.D.
1810. Duncan Macfarlan, D.D.
1812. Gavin Gibb, D.D.
1814. Stevenson Macgill, D.D.
1815. Archibald Campbell, Esq., M.P.
1817. Sir John Connel.
1819. Archibald Campbell, Esq., M.P.
1821. Sir John Connel.
1823. Archibald Campbell, Esq., M.P.
1825. Sir John Connel.
1827. Archibald Campbell, Esq., M.P.
1829. Sir John Connel.
1831. Archibald Campbell, Esq.
1833. Sir A. Campbell, Bart.
1835. Archibald Campbell, Esq.
1837. Sir A. Campbell, Bart.
1839. Kirkman Finlay, Esq.
1841. Lord Dunfermline.
1843. Sir T. Makdougall Brisbane, Bart.
1845. A. Maconochie, Lord Meadowbank.
1847. Earl of Eglinton.
1849. Colonel Mure of Caldwell, M.P.
1851. W. Lockhart, Esq., M.P.
1853. Colonel Mure.
1854. W. Lockhart, Esq.
1857. W. Stirling, Esq., of Keir, M.P.
1860. J. Moncreiff, Lord Advocate.
1863. Sir A. I. Campbell of Succoth.
1865. Henry Glassford Bell, Esq.
1868. Sir James Fergusson, Bart.
1869. Sir Thos. E. Colebrooke, Bart., M.P.
1872. Archd. Orr Ewing, Esq., M.P.
1876. Alexander B. M'Grigor, LL.D.
1879. James King, Esq.
1882. R. W. Cochran-Patrick, LL.D., M.P.
1885. Alexander Crum, Esq., M.P.
1888. ROBERT BERRY, LL.D., Sheriff of Lanarkshire.

PRINCIPAL.

The office of Principal or Principal Regent of the College was almost coeval with the foundation of the University, and was regulated anew by James VI., in 1577. It is in the appointment of the Crown. The Principal is President of the Senatus Academicus; and is also, *ex officio*, a member of the University Court.

Principals from the year 1574.

1574. Andrew Melville.
1580. Thomas Smeaton.
1582. Patrick Sharpe.
1615. Robert Boyd.
1622. John Cameron, D.D.
1626. John Strang, D.D.
1650. Robert Ramsay.
1653. Patrick Gillespie.
1661. Robert Baillie, D.D.
1662. Edward Wright.
1684. James Fall.
1690. William Dunlop.
1701. John Stirling.
1728. Neil Campbell.
1761. Wm. Leechman, D.D.
1786. Archd. Davidson, D.D.
1803. William Taylor, D.D.
1823. Duncan M'Farlan, D.D.
1858. Thomas Barclay, D.D.
1873. JOHN CAIRD, D.D.

UNIVERSITY COURT.

The University Court consists of (*a*) the Rector, (*b*) the Principal, (*c*) the Lord Provost of Glasgow for the time being, (*d*) an Assessor nominated by the Chancellor, (*e*) an Assessor nominated by the Rector, (*f*) an Assessor nominated by the Lord Provost, Magistrates, and Town Council of Glasgow, (*g*) four Assessors elected by the General Council, (*h*) four Assessors elected by the Senatus Academicus. There is a further provision in the Act of 1889 for the representation of affiliated Colleges.

Assessors since the University Court was constituted.

CHANCELLOR.

1859. John Robertson, D.D., Glasgow.
1865. A. Sym, D.D., New Kilpatrick.
1871. James Pearson, D.D., Strathblane.
1874. Robert Jamieson, D.D., Glasgow.
1878. J. A. Campbell, LL.D., Stracathro.
1887. SIR JAMES KING, BART., LL.D.

RECTOR.

1860. Thomas Buchanan, Esq.
1863. Walter Buchanan, Esq., M.P.
1866. Archibald Orr Ewing, Esq.

1869. James A. Campbell, LL.D.
1878. Alexander Crum, Esq.
1880. Charles Cameron, M.D., LL.D., M.P.
1884. A. B. M'Grigor, LL.D.
1887. James Grahame, Esq.
1890. Lord Blythswood, LL.D.
1893. Matthew P. Fraser, LL.B.

LORD PROVOST, MAGISTRATES, AND TOWN COUNCIL OF GLASGOW.

1889. James Colquhoun, LL.D.

GENERAL COUNCIL.

1859. Andrew Bannatyne, LL.D.
1864. Lord Kinloch.
1867. Anderson Kirkwood, LL.D.
1887. R. W. Cochran-Patrick, LL.D.
1889. David Hannay, Esq.
1889. Hector C. Cameron, M.D.
1889. Sir John Neilson Cuthbertson.
1891. Rev. J. W. King, M.A., D.D.
1891. D. C. M'Vail, M.B.
1893. Hector C. Cameron, M.D.
1893. Sir John Neilson Cuthbertson.

SENATUS ACADEMICUS.

15th Nov., 1859. Professor W. Ramsay, M.A.
11th Dec., 1863. Professor R. Buchanan, LL.D.
12th Dec., 1867. Professor Allen Thomson, M.D.
11th Jan., 1872. Professor Sir W. Thomson.
13th Jan., 1876. Professor Cowan, M.D.
29th Jan., 1880. Professor Berry, M.A., LL.D.
31st Jan., 1884. Professor Dickson, D.D., LL.D.
9th Feb., 1888. Professor Ramsay, LL.D.
28th Nov., 1889. Professor Leishman, M.D.
28th Nov., 1889. Sheriff Berry, LL.D.
28th Nov., 1889. Professor Stewart, D.D.
28th Nov., 1890. Professor Ramsay, LL.D.
30th Nov., 1891. Professor Leishman, M.D.
28th Nov., 1892. Sheriff Berry, LL.D.
28th Nov., 1893. Professor Stewart, D.D.
30th Nov., 1893 (1891). Professor Gairdner, M.D., LL.D.
28th Nov., 1894. Professor Jack, LL.D.

The Rector's Assessor continues in office three years, and the other Assessors four years.

The University Court is a body corporate, in which is vested all the property belonging to the University. By the Act of 1889 it is enacted that the University Court, in addition to the powers conferred upon it by the Act of 1858, shall, subject to any ordinances made by the Commissioners, have power—

1. To administer the whole revenue and property of the University, including share of annual Government Grant, and bursary and other mortifications.

2. To review any decision of the Senate, appealed against by a member of Senate or other member of the University interested,[1] and to receive representations and reports from the Senate and the General Council.

3. To review, on representation by any member of the University Court or by any member of Senate, any decision of the Senate in the exercise of its powers of regulating and superintending the teaching and discipline of the University; but decisions in matters of discipline can be reviewed only on appeal by a member of Senate or by a member of the University directly affected.

4. To appoint professors to chairs in University patronage; to appoint examiners and lecturers; and to recognize for graduation purposes the teaching of any college or individual teacher, under any regulations laid down by the Commissioners, which regulations, after the expiration of the powers of the Commissioners, may from time to time be modified or altered by the Universities Committee.

5. To define on application by any member of the Senate the nature and limits of a professor's duties under his commission, subject to appeal to the Universities Committee.

6. To take proceedings against a principal or professor, University lecturer, assistant, recognized teacher or examiner, or any other person employed in teaching or examining.

7. To appoint from persons not being members of Senate one third of the members of any standing committee or committees charged, by ordinance of the Commissioners, with superintendence of University libraries or museums, and to review any decision of the Senate regarding the recommendations of such committee or committees.

8. To appoint committees of its own number, consisting of

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[1] An appeal against any decision of the Senate must be lodged with the Secretary of the University Court within fourteen days from the date of the issue of such decision. See Ord. No. 5.

not less than five members, to report on any business entrusted to them or to carry out special instructions.

9. To elect the representative of the University on the General Medical Council, under the Medical Act, 1886.

10. After the expiration of the powers of the Commission to found new professorships with the approval of the Universities Committee. After such expiration no new professorship shall be founded otherwise.

The Court is entrusted with the patronage of several of the Professorships, appoints the Assistant Examiners for Degrees, and is a court of final appeal in any dispute which may arise in making up the Register of the General Council. Seven Members of the Court constitute a quorum. The Rector is President—in his absence, the Principal.

An abstract of the minutes of the meeting of the University Court during 1894-95 will be found towards the end of the Calendar.

SENATUS ACADEMICUS.

The Senatus Academicus consists of the Principal and the whole of the Professors, and is entrusted with the ordinary superintendence and regulation of the teaching and discipline of the University. It appoints two-thirds of the members of any standing committee or committees charged by ordinance of the Commissioners with the immediate superintendence of University libraries or museums. It receives in the first instance all reports by such committee or committees, and, subject to the review of the University Court, it may confirm, modify, or reject the recommendations in such reports. The Principal, as President, has a deliberative and a casting vote. One-third of the Senate constitute a quorum.

FACULTIES.

The Universities Commissioners, by ordinance No. 31, dated 5th June, 1893, settled the constitution of the several Faculties in this University, as follows:—I. The Faculty of Arts consists of the Professors of the following subjects, viz., English Language and Literature, Humanity, Greek, Hebrew and Semitic Languages, Mathematics, Natural Philosophy, Logic and

Rhetoric, Moral Philosophy, History. II. The Faculty of Science consists of the Professors of the following subjects, viz., Mathematics, Natural Philosophy, Astronomy, Chemistry, Natural History, Botany, Anatomy, Physiology, Civil Engineering and Mechanics, Naval Architecture. III. The Faculty of Medicine consists of the Professors of the following subjects, viz., Chemistry, Natural History, Botany, Anatomy, Physiology, Pathology, Materia Medica, Medicine, Surgery, Midwifery, Forensic Medicine, Clinical Medicine, Clinical Surgery. IV. The Faculty of Law consists of the Professors of the following subjects, viz., Law, Forensic Medicine, Conveyancing. V. The Faculty of Divinity consists of the Professors of the following subjects, viz., Divinity, Divinity and Biblical Criticism, Ecclesiastical History, Hebrew and Semitic Languages. The University Court has power to transfer Chairs from one Faculty to another, and in the event of the foundation of new Chairs, to determine to which Faculty or Faculties such Chairs shall belong.

The Professors constituting each Faculty annually elect one of their number to be Dean of the Faculty.

LECTURERS.

By ordinance No. 17[1] of the Universities Commissioners (1889), the University Court is empowered to appoint, after consultation with the Senatus, Lecturers, whose teaching shall (unless otherwise determined by the University Court) qualify for graduation. They are appointed for a period not exceeding five years, but may be re-appointed. University Assistants or Demonstrators are eligible for appointment as Lecturers and *vice versa*; and both offices may be held at the same time by the same person.

Ordinance No. 65,[2] issued on 4th February, 1895, provides that the classes of University Lecturers shall be conducted at the seat of the University, *i.e.*, in the city of Glasgow and the immediate neighbourhood thereof, that no classes conducted by Lecturers elsewhere shall qualify for graduation in any Faculty, and that University Lecturers shall be in all respects subject to the discipline of the Senatus Academicus and of the University Court.

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[1] This ordinance is printed at length in the University Calendar for 1893-94, at pp. 504, 505.

[2] This ordinance comes into force when approved by Her Majesty in Council.

BOARDS OF STUDIES.

By ordinance No. 11 of the Universities Commissioners (1889), it is provided that the Senate shall institute Boards of Studies corresponding as nearly as may be to the departments of study for graduation in Arts. Each Board of Studies consists of the Principal, the Dean of the Faculty of Arts, and such other members of the Senate and Lecturers in the University as the Senate may from time to time select, a member of the Board being appointed Convener by the Senate. The functions of these Boards are defined in ordinance No. 11, sections xviii. and xix.

Provision is made in ordinance No. 42 for the institution of one or more Boards of Studies in each of the Faculties of Medicine and Science. In Medicine the constituent members of the Board or Boards are Professors in the Faculty of Medicine, together with such Professors in other Faculties whose subjects qualify for graduation in Medicine, and such Lecturers in the University as the Senate may from time to time select. The Board or Boards of Studies in Science are similarly constituted *mutatis mutandis*. The Dean of the Faculty of Medicine is Convener of each Board of Studies in Medicine; the Senate appoints the Convener of each Board of Studies in Science.

UNIVERSITY ASSISTANTS OR DEMONSTRATORS.

By ordinance No. 17[1] of the Universities Commissioners (1889), the University Court is empowered to determine, after consultation with the Senatus, the number and grade of the Assistants, if any, to be assigned to each Professor. The appointments are made by the University Court on the recommendation of the Professors. The duties of each Assistant are defined by the Professor, with the approval of the Senate. The Assistants are recognized as Officers of the University, and are styled University Assistants or Demonstrators, as the University Court may determine.

The Arnott and Thomson Demonstratorship, founded in 1875, is attached to the Chair of Natural Philosophy; the Muirhead Demonstratorship, founded in 1877, to the Chair of Physiology; and the Baxter Demonstratorship in Geology, founded in 1889, to the Chair of Natural History.

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[1] See first note on preceding page

There is also an Assistantship to the Professor of Engineering, which was founded in 1876 by the bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow, with a salary of £140 or thereby, and designated in memory of her father, the Young Assistantship. The appointment is made by the University Court in conjunction with the Professor of Engineering.

EXAMINERS FOR DEGREES.

By ordinance No. 13, §§ xiv., xv., xvi., of the Universities Commissioners (1889), the Examiners for graduation in Arts, Science, and Medicine respectively are the Professors whose subjects qualify for graduation, together with such Lecturers in the University and such additional Examiners, appointed by the University Court, as the Court may deem necessary. In the case of Medicine, the Court is required to make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, one of whom shall not be a Professor or Lecturer in the University.

By ordinances No. 39, § vii., and No. 40, § vii., of the Universities Commissioners (1889), the Examiners for graduation in Law are the Professors and Lecturers whose subjects qualify for graduation, and additional Examiners appointed by the University Court.

By ordinance No. 63, § ii.,[1] of the Universities Commissioners (1889), the Examiners for graduation in Divinity are the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court.

GENERAL COUNCIL.

[*For names, etc., of Members, see Appendix.*]

The General Council as constituted by the Scottish Universities Act, 1858 (21 and 22 Vict., chap. 83), by the Representation of the People (Scotland) Act, 1868 (31 and 32 Vict., chap. 84), and by the Universities Elections Amendment (Scotland) Act, 1881 (44 and 45 Vict., chap. 40), consists of the following *ex officio* Members, viz., the Chancellor, the Members of the University Court from and after their first election, and the Professors, and also of the following persons after registration, viz., all Masters of Arts of the University, and all persons on whom the University has, after Examination, conferred the Degree of Doctor of Medicine, or Doctor of Science, or Bachelor of Divinity, or Bachelor of Laws, or Bachelor of Medicine, or Bachelor of Science, or any other Degree instituted since 13th July, 1868; and also all persons who, previous to the 2nd August, 1861, had, as matriculated students, given regular attendance on the course of study in this University for four complete sessions, or such regular attendance for three complete sessions in this University, and regular attendance for one such complete session in any other Scottish University, the attendance for at least two of such sessions having been on the course of study in the Faculty of Arts.

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[1] This ordinance, if approved by Her Majesty in Council before 1st October, 1895, will come into force at that date.

Members of the Council must have their names enrolled in a book kept for the purpose by the Registrar. The Register of the Council is made up annually in the month of December, for the year following, and includes the names of all members entered on the Registration Book on or before the 30th day of November in each year. The Registration Fee, which is a payment for life, is 20s.

By section 16 of the Act 44 and 45 Vict., chap. 40, it is enacted that no person shall be allowed, after examination, to graduate at any of the Universities of Scotland until he shall have paid the Registration Fee; and it is further enacted that every person who has hitherto been, or who shall in the future become, *ex officio*, a member of the General Council of any of the Universities shall, on payment of the Registration Fee, be put and continued on the Register of Members of General Council of such University during his life, and shall be entitled to all the privileges of a Member of Council. The Act also provides that no person, subject to any legal incapacity, shall be entitled to vote at any parliamentary election, or exercise any other privilege as a member of the General Council.

The corrupt payment of any Registration Fee is punishable as bribery.

The Council meets twice every year—viz., on the last Wednesday of October, and the first Wednesday of April. In addition to these statutory meetings the Council may hold special meetings at the instance of the Chancellor, who shall convene such meetings on a requisition from a quorum of members, and the Council may adjourn any meeting, and may appoint committees to investigate into and report upon any matter remitted to them, or to carry out instructions given to them by the Council. The quorum of the General Council has been fixed by the Universities Commissioners at ten for every complete thousand or fraction of a thousand on the Register, so that for the present year sixty members are requisite to constitute a quorum, there being 5205 names on the Register, but this provision does not apply to the statutory half-yearly meetings. It is competent to the Council to take into consideration all questions affecting the well-being and prosperity of the University, and to make representations from time to time to the University Court, who shall return to the Council their deliverances thereon. The annual reports as to the statistics of attendance and as to the finances of the University, made by the University Court to the Secretary for Scotland, are to be laid by him before the General Council. To it are also to be communicated all new ordinances, or changes of existing ordinances, which may be proposed by the University Court.

The Chancellor and four of the Assessors in the University Court are elected by the Council. The manner in which these officers are elected is regulated by Ordinance No. 9 of the Universities Commissioners (1889). The President of the Council is the Chancellor; whom failing, the Rector; whom failing, the Principal; whom failing, the Chancellor's Assessor; whom failing, the Rector's Assessor. In the absence of all these officials, a Chairman shall be elected by the meeting; but in the election of Assessors the members of Senate may not take part.

The General Councils of the Universities of Glasgow and Aberdeen jointly return a representative to Parliament. The Vice-Chancellor of Glasgow University is the returning officer.

Members of Parliament for the Universities of Glasgow and Aberdeen.

1868. Right Hon. James Moncrieff, LL.D., Lord Advocate.
1869. Right Hon. Edward S. Gordon, LL.D., Dean of the Faculty of Advocates.
1876. Right Hon. William Watson, LL.D., Lord Advocate.
1880. JAMES ALEXANDER CAMPBELL, LL.D.

STUDENTS' REPRESENTATIVE COUNCIL.

The constitution and functions of the Students' Representative Council will hereafter be regulated by Ordinance No. 60, issued by the Universities Commissioners on 4th February, 1895, which is to come into force when approved by Her Majesty in Council. Its provisions are as follows:—

I. The Students' Representative Council in each University shall submit to the University Court for approval the regulations under which it has been formed or now exists, and these regulations as approved, or with such alterations as may from time to time be approved by the University Court, shall form the constitution of the Students' Representative Council, and shall, subject to the provisions of this Ordinance, determine the functions thereof, and the mode of election thereto.

II. After the University Court has approved of the constitution of a Students' Representative Council in any University, alterations in the said constitution shall be of no effect unless and until they shall receive the approval of the University Court.

III. (1) The Students' Representative Council shall be entitled to petition the Senatus Academicus with regard to any matter affecting the teaching and discipline of the University, and the Senatus Academicus shall dispose of the matter of the petition, or shall, if so prayed, forward any such petition to the University Court, with such observations as it may think fit to make thereon.

(2) The Students' Representative Council shall be entitled to petition the University Court with regard to any matter affecting the students other than those falling under the immediately preceding sub-section.

(3) Nothing contained in this section shall be held to prejudice any right of appeal which may be competent under section 6, sub-section 2, of the Universities Act, 1889, nor the powers and jurisdiction of the Senatus Academicus with regard to the teaching and discipline of the University.

The Council at present consists of representatives from the different years of all the different Faculties in the University, and its aims are (1) to represent the Students in matters affecting their interests; (2) to afford a recognized means of communication between the Students and the University authorities; (3) to promote social and academic unity among the students. A Union Committee appointed by the Council completed in Session 1889-90 the arrangements for opening the "Glasgow University Union." The Council has various Sub-Committees—an Inter-Universities Committee, a Magazine Committee, which conducts during the winter session the "Glasgow University Magazine" (published weekly), an Amusements Committee, and a Song Book Committee.

Presidents of the Students' Representative Council.

1885-86. R. M. Wenley, M.A.
1886-87. Gavin Lambie, M.A.
1887-88. C. E. Robertson, M.B., C.M.
1888-89. John H. Harley, M.A.
1889-90. Robert Bell, M.B., C.M.
1890-91. William Newlands.
1891-92. John White, M.A.
1892-93. R. S. Horne, M.A.
1893-94. John H. Pagan, B.D.
1894-95. William M. R. Pringle.

STUDENTS.

Number of Students in the several Faculties, Session 1894-95:—

MEN.		
In Arts (including Summer Matriculation of 1894, 12),	680	
Science (including Summer Matriculation of 1894, 1),	109	
Theology,	71	
Medicine (including Summer Matriculation of 1894, 85),	624	
Law (including Summer Matriculation of 1894, 4),	179	
Arts and Medicine (including Summer Matriculation of 1894, 1),	8	
Arts and Law,	7	
Arts, Science, and Medicine,	1	
Arts and Science,	9	
Science and Medicine,	7	
		1695
WOMEN.		
In Arts (including Summer Matriculation of 1894, 6),	148	
Science,	2	
Medicine (including Summer Matriculation of 1894, 4),	56	
Arts and Medicine,	2	
		208
Total,		1903

Ordinance No. 50 of the Universities Commissioners (1889), requires that each student shall pay a matriculation fee of one guinea, at the commencement of each winter session, for the whole academical year then next ensuing; and any student desirous of attending a class or classes during a summer session, without having matriculated at the commencement of the immediately preceding winter session, shall in respect of such summer session pay a matriculation fee of half a guinea. The University Court is empowered in special circumstances to permit persons who have not matriculated to attend any single class in any Faculty, on payment of an Entrance Fee of Five Shillings in addition to the authorized class fee, subject to the following provisions, viz. :—(1) that attendance on any class without payment of the matriculation fee shall not qualify for graduation in any Faculty, (2) that persons who have not paid the matriculation fee shall not be entitled to a certificate of attendance on any class, and (3) that payment of such entrance fee shall not confer any University privilege other than the right of attendance on such class. The office of the Clerk of Senate will be open for the purpose of Matriculation on and after Monday, 14th October.

Students are entitled, after matriculation, to the privilege of admission to the University Library, and, under certain conditions, to the Hunterian Museum; they are also entitled to vote for the Lord Rector. They are classified as students in Arts, Science, Divinity, Law, and Medicine, according to the nature of their studies; and they are likewise, for academical purposes, divided into Togati and Non-Togati—the students of the Humanity, Greek, Logic, Ethics, and Natural Philosophy classes being Togati or gown students, from being required to wear the ancient academical robe—a scarlet cloak.

Under the Non-Togati, or ungowned students, are comprehended all those who, having finished their course of instruction in Arts, are prosecuting their studies in the other Faculties, with a more immediate view to their intended professions; and it comprises also other persons resident in the city or its vicinity, who, though engaged in other avocations, are disposed to cultivate literary pursuits, or to extend their acquaintance with some favourite branches of learning or science, by attending the lectures given at the University.

A distinction is also made between Public and Private students. The former are required to undergo examinations, and to read or perform exercises on the subjects treated of in the lectures,—and they only are allowed to reckon their sessions of study as a qualification for proceeding to degrees in the several Faculties.

By Ordinance No. 18[1] of the Universities Commissioners (1889) the University Court was empowered to admit women to graduation, and to provide for their instruction, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. Under this Ordinance women were for the first time admitted as matriculated students of this University in Session 1892-93.

Medical students have access, for the usual attendance in the wards and on the Clinical Lectures, to the Royal Infirmary situated in the Eastern part of the city, and to the Western Infirmary in the immediate vicinity of the University. In the Royal Infirmary 200 beds are appropriated to the clinical instruction of women.

UNIVERSITY CHAPEL.

The University Chapel is under the management of a Committee of Senate, of which the Principal is Convener.

Public Worship is celebrated every Sunday afternoon during the Winter Session at half-past Two o'clock, in the Bute Hall. The services are conducted by graduates of this University and other clergymen of various denominations.

GYMNASIUM.

This building was erected by public subscription, and fitted according to the most improved models, under the superintendence of the late Mr. Maclaren of Oxford, at a total cost of £2600, and was opened for the first time in January, 1872.

The instructor, Mr. Benson, carries out the system of Mr. Maclaren in its entirety. Students are carefully examined and measured on joining, and the exercises graduated according to strength and proficiency. Each student joins a class which meets at the same hour three days in the week.

Gentlemen not connected with the University are admitted to the use of the Gymnasium, and special evening classes are formed for their benefit.

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[1] This Ordinance is given in full in the University Calendar for 1892-93, pp. 501-506.

Fees.—1. *For all Students:* One month, 5s.; Two months, 8s. 6d.; Three months, 12s.; Six months, 20s. 2. *For Non-Students:* the Quarter (*i.e.*, twice a-week for three months), 15s.; whole season (seven months), 35s.

The Oxford Silver Medal, presented annually by the late Mr. Maclaren, for competition among the students, is continued by the Gymnasium, and, at the competition in March, 1895, was gained by Selby Macfarlane. The Bronze Medal for competition among the non-students is also continued.

Classes are also formed after Christmas to meet twice a week for instruction in boxing and fencing.

The Gymnasium is managed by a joint-committee of professors and students.

Hon. Treasurer, Matthew P. Fraser, LL.B., 91 West Regent Street, Glasgow.

Hon. Secretary, J. Grant Millar, 9 Bute Mansions, Hillhead.

EXAMINATION FOR CANDIDATES FOR THE ARMY.

This Examination, which the Secretary of State for War has accepted as equivalent to the Examination at the English and Irish Universities for similar candidates, consists of three out of the seven Examinations required for the ordinary degree of M.A., but one subject must be taken out of each of the three separate Departments of Classical Literature, Mental Philosophy, and Mathematics. Candidates must not be over twenty-one years of age. Examination Fee, £2 2s. This Examination is intended only for students who have actually attended classes in the University.

II.—TABLE OF UNIVERSITY FEES.

I.—MATRICULATION FEES.			
At the commencement of each Academical Year, which extends from 1st October to 30th September, and includes both Winter and Summer Sessions, ...	£1	1	0
At the commencement of each Summer Session, if the Student has not matriculated for the Academical Year then current, ...	0	10	6
II.—ENTRANCE FEES.			
On admission, in special circumstances, of persons who are not matriculated Students of the University to any single class in any Faculty, ...	0	5	0
N.B.—Attendance under this Regulation does not qualify for Graduation, and no Certificate for such attendance is given. The Entrance Fee confers no University privileges other than the right of attendance above mentioned.			
III.—ENROLMENT FEES (extra-mural lectures).			
At the commencement of each year of attendance on the lectures of Extra-Academical Teachers in Glasgow, whose Lectures are recognized for Graduation in Medicine or Science, ...	1	1	0
IV.—EXAMINATION FEES.			
For Preliminary Examinations in Arts, Science, or Medicine—			
On each entry for Examination, ...	0	10	6
For Degree of Master of Arts (M.A.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject till £5 5s. are paid.			
For Degree of Bachelor of Science (B.Sc.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject till £5 5s. are paid.			
For Certificate in Engineering Science—			
On entering for last subject of Examination, ...	1	1	0
For Degree of Doctor of Letters—			
On delivery of Diploma, ...	10	10	0
For Degree of Doctor of Philosophy—			
On delivery of Diploma, ...	10	10	0
For Degree of Doctor of Science (D.Sc.)—			
On delivery of Diploma, ...	10	10	0
For Degrees of Bachelor of Medicine (M.B.), and Bachelor of Surgery (Ch.B.)—			
On entering for First Professional Examination, ...	6	6	0
,, Second ,, ,, ...	6	6	0
,, Third ,, ,, ...	5	5	0
,, Fourth ,, ,, ...	5	5	0

For Degree of Doctor of Medicine (M.D.)—Old Regulations—			
On lodging Thesis, ...	£15	8	0
(This includes £10 3s. of Government Duty, etc.)			
For Degree of Doctor of Medicine (M.D.)—New Regulations—			
On entering for Examination, ...	20	13	0
(This includes £10 3s. of Government Duty, etc.)			
For Degree of Master of Surgery (Ch.M.)—			
On entering for Examination, ...	10	10	0
For Diploma in Public Health—			
On entering for Examination, ...	5	5	0
For Degree of Bachelor of Laws (LL.B.)—New Regulations—			
The Fee for this Degree is	6	6	0
Payable £1 1s. on entering for Examination in each subject till £6 6s. are paid.			
For Degree of Bachelor of Law (B.L.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject, balance at Graduation.			
For Degree of Bachelor of Divinity (B.D.)—			
On entering for Examination in First Department,	2	12	6
,, ,, Second ,,	2	12	6
For Examination of Candidates for the Army—			
On entering for Examination, ...	2	2	0

V.—Class Fees (*see* pages 50-54 and 116, 117).

VI.—Library Fees.

Each Member of the General Council, each year (commencing 15th October) in which he wishes use of Library, ...	0	10	6
Or,			
This may be compounded for by a single payment of ...	5	5	0
Every Matriculated Student enrolled in a Class, and every Extra-Mural Student, who wishes use of Library, a *deposit* of	1	0	0
Special Readers—each year in which the privilege is granted, ...	0	10	6

VII.—Registration Fee.

All Candidates proceeding to Graduation after Examination who are not already members of the General Council are required by the Act 44 and 45 Vict., Ch. 40, to pay the Registration Fee, with a view to their names being enrolled in the General Council. The Fee is	1	0	0

III.—SEPARATE FACULTIES AND CLASSES.

The University Classes will meet as follows, daily, unless otherwise specified :—

WINTER SESSION, 1895-96.

I.—ARTS.

MONDAY, 21ST OCTOBER.

Classes.	*Hours.*	*Class Fees.*	
Latin, Junior,	8 a.m.,	£3 3	PROF. RAMSAY.
——— *Middle,*	8 a.m. and 11 a.m.,	3 3	
——— *Senior,*	9 a.m. and 1 p.m.,	3 3	
——— *Private or Honours,*	1 p.m.,	3 3[1]	
——— *Latin Prose,*	1 p.m., Wed.,	1 1	
Greek, Tirones,	12 noon,	3 3	PROF. MURRAY.
——— *Provectiores,*	10 a.m.,	3 3	
——— *Senior,*	8 a.m. and 12 noon,	3 3	
——— *Honours,*	12 noon,	3 3[1]	
English,	4.30 p.m.,	3 3[1]	PROF. BRADLEY.
——— *Honours,*	10 a.m., Mon., Wed., Fri.,	3 3	
French,	2 p.m.,	3 3	Mr. A. Mercier, Lecturer.
Hebrew, Junior,	10 a.m.,	3 3	PROF. ROBERTSON.
——— *Senior,*	9 a.m.,	3 3	
Syriac,		2 2	
Logic and Metaphysics,	9 a.m. daily,	3 3	PROF. ADAMSON.
——— *Higher Course,*	(See page 64),	3 3	
Moral Philosophy,	8 a.m.,	3 3	PROF. JONES.
——— *Higher Course,*	1 p.m., Mon., Wed., Fri.,	3 3	
Political Economy (Half Course),	5.30 p.m., Mon., Tues., Wed., and Th.,	2 2	Dr. Smart, Lecturer.
Education (Theory, History, and Art of),	3.15 p.m.,	3 3	Dr. Ross, Lecturer.
Philosophy of Law,	5.30 p.m., Tues., Fri., and alternate Wed.,		Mr. W. G. Miller, Lecturer.
Mathematics, First,	9 a.m. or 10 a.m.,	3 3	PROF. JACK.
——— *Second,*	12 noon or 9 a.m.,	3 3	
——— *Honours (Intermed.),*	10 a.m.,	3 3	
——— *Honours (Advanced),*	11 a.m., Mon., Wed., Fri.,	3 3	
Natural Philosophy,	9 a.m.,	4 4[2]	PROF. LORD KELVIN.
——— *Higher Course,*	12 noon,	4 4[2, 3]	
Physical Laboratory,	10 a.m. to 4 p.m.,	6 6	

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[1] Fee for a Second or subsequent Session, £2 2s.

[2] Fee for a Second or subsequent Session, £3 3s.

[3] Fee for Higher Course following upon Ordinary Course, £3 3s.

Classes.	*Hours.*	*Class Fees.*	
Astronomy, First, (Half Course,)	3 p.m., Mon., Wed., and alternate Fri.,	£2 2	Prof. Becker.
Chemistry,	10 a.m.,	3 3[1]	Prof. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10	
——— *(Half Session),*		5 5	
Zoology,	9 a.m.,	3 3[1]	Prof. Young.
Zoological Laboratory,	10 a.m. to 4 p.m.,	3 3	
Botany (in Summer),			Prof. Bower.
Geology (Half Course—Jan.)	5.30 p.m.,	3 3[1]	Prof. Young.
History,	11 a.m.,	3 3	Prof. Lodge.
——— *Honours Course,*	4.30 p.m., Mon., Wed., Fri.,	3 3	
Constitutional Law and History (Half Course),	4.30 p.m.,	3 3	Mr. W. S. M'Kechnie, Lecturer.
Roman Law,	5.30 p.m.,	4 4	Mr. J. M. Irvine, Lecturer.
Public International Law (Half Course),	5.30 p.m., Mon., Thur., and alternate Wed.,	3 3	Mr. W. G. Miller, Lecturer.

II.—SCIENCE.

Tuesday, 22nd October.

Classes.	*Hours.*	*Class Fees.*	
Mathematics, First,	9 a.m. or 10 a.m.,	£3 3	Prof. Jack.
——— *Second,*	12 noon or 9 a.m.,	3 3	
——— *Honours (Intermed.),*	10 a.m.,	3 3	
——— *Honours (Advanced),*	11 a.m., Mon., Wed., Fri.,	3 3	
Natural Philosophy,	9 a.m.,	4 4[2]	Prof. Lord Kelvin.
——— *Higher Course,*	12 noon,	4 4[2,3]	
Physical Laboratory,	10 a.m. to 4 p.m.,	6 6	
Astronomy, First,	3 p.m., Mon., Wed., and alternate Fri.,	2 2	Prof. Becker.
——— *Second,*	3 p.m., Tues., Th., and alternate Fri.,	2 2	
——— *First and Second in same Session,*		3 3	
Chemistry,	10 a.m.,	3 3[1]	Prof. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10	
(Half Session),		5 5	
Anatomy, Junior,	1 p.m.,	3 3[1]	Prof. Cleland and Demonstrators.
——— *Senior,*	11 a.m.,	3 3[1]	
Practical Anatomy,	9 a.m. to 4.45 p.m.,	3 3	
Physiology,	12 noon,	3 3	Prof. M'Kendrick and Muirhead Demonstrator.
Practical Physiology,	(See page 89),	3 3	
——— *Advanced* (See page 89),		3 3	
Physiological Laboratory,	10 a.m. to 4 p.m.,	10 10	
(Half Session),		5 5	

[1] Fee for a Second or subsequent Session, £2 2s.

[2] Fee for a Second or subsequent Session, £3 3s.

[3] Fee for Higher Course following upon Ordinary Class, £3 3s

Classes.	*Hours.*	*Class Fees.*	
Natural History—			
Zoology (Oct.),	9 a.m.,	£3 3[1]	Prof. Young.
Geology and Mineralogy (Jan.),	5.30 p.m.,	3 3[1]	
Zoological Laboratory,	10 a.m. to 1 p.m.,	3 3[1]	
Botany, Advanced,	(See page 87),	3 3	Prof. Bower.
Botanical Laboratory, Advanced	(Jan.—see p. 87),	3 3	
Civil Engineering, Class I.,	8 a.m., Mon., Wed., Fri.,	2 2	Prof. Barr.
——— *II.*,	(not in 1895-96),	2 2	
——— *III.*,	8 a.m., Tues., Thurs., and Sat.,	2 2	
——— *IV.*,	9 a.m. daily, ex. Sat.,	3 3	
Engineering Drawing, etc.,	9 a.m. till 5 p.m. daily, except Sat.,	3 3	Prof. Barr.
——— (*Second Session*),		3 3[2]	
Naval Architecture and Marine Engineering, Junior,	11 a.m., Mon., Wed., and Fri.,	3 3	Prof. Biles.
——— *Senior*,	11 a.m., Mon., Tu., & Th.,	3 3	
——— *Practical, Junior*,	2 till 5 p.m., Tu., Wed., Th., and Fri.,	3 3	
——— *Senior*,	2 till 5 p.m., Tu., Wed., Th., and Fri.,	3 3	

III.—MEDICINE.

TUESDAY, 22ND OCTOBER.

Classes.	*Hours.*	*Class Fees.*	
Natural History, Zoology,	9 a.m.,	£3 3[1]	Prof. Young.
Zoological Laboratory,	10 a.m. to 1 p.m.,	3 3[1]	
Botanical Laboratory,	(Jan., Feb., Mar.), 10 a.m.,	3 3	Prof. Bower.
Clinical Medicine,	9 a.m.,	(see p. 55)	Prof. M'Call Anderson and Prof. Gairdner.
Clinical Surgery,	9 a.m.,	(see p. 55)	Prof. George Buchanan and Prof. Macewen.
Chemistry,	10 a.m.,	3 3[1]	Prof. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10	
	(*Half Session*),	5 5	
Physics,	2 p.m.,	3 3[1]	Mr. M. Maclean, Lecturer.
Anatomy, Junior,	1 p.m.,	3 3[1]	Prof. Cleland and Demonstrators.
——— *Senior*,	11 a.m.,	3 3[1]	
Practical Anatomy,	9 a.m. to 4.45 p.m.,	3 3	
Physiology,	12 noon,	3 3[1]	Prof. M'Kendrick and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	10 10	
	(*Half Session*),	5 5	
Materia Medica,	1 p.m.,	3 3[1]	Prof. Charteris.
Pathology, Systematic,	3 p.m.,	3 3[1]	Prof. Coats.
Surgery,	12 noon,	3 3[1]	Prof. Macewen.
Midwifery,	2 p.m.,	3 3[1]	Prof. Cameron.
Practice of Medicine,	11 a.m.,	3 3[1]	Prof. Gairdner.

[1] Fee for a Second or subsequent Session, £2 2s.
[2] Fee for a Third or subsequent Session, £2 2s.

IV.—LAW.

Tuesday, 22nd October.

Classes.	*Hours.*	*Class Fees.*		
Scots Law,	8 a.m.,	£4	4[1]	Prof. Moody Stuart.
Civil Law,	5.30 p.m.,	4	4[1]	Mr. J. M. Irvine, Lecturer.
Conveyancing,	8 a.m.,	4	4[1]	Prof. Moir.
Constitutional Law and History,	4.30 p.m.,	4	4[1]	Mr. W. S. M'Kechnie, Lecturer.
Half Course,		2	2	
Mercantile Law,	8 a.m.,	4	4[1]	Mr. James Mackenzie, Lecturer.
Half Course,		2	2	
Public International Law,	5.30 p.m., Mo., Wed., Th.,	3	3	Mr. W. G. Miller, Lecturer.
Comparative Jurisprudence,	5.30 p.m., Tu., W., Fr.,	3	3	
International Private Law (in Summer),	5.30 p.m.,	2	2	
Political Economy,	5.30 p.m., Mon., Tu., Wed., Th.,	3	3	Dr. Smart, Lecturer.
Half Course,		2	2	

V.—THEOLOGY.

Tuesday, 29th October.

Classes.	*Hours.*	*Class Fees.*		
Divinity, Senior,	11 a.m.,	£3	3	Prof. ———
——— *Junior,*	12 noon,	3	3	
Hebrew, Junior,	10 a.m.,	3	3	Prof. Robertson.
———*Senior,*	9 a.m. daily, and 1 p.m., Tu. and Th.,	3	3	
———*Private,*	1 p.m., Mon., Wed., Fri.,			
Ecclesiastical History, Junior,	11 a.m.,	3	3	Prof. Story.
———*Senior,*	12 noon,	3	3	
Biblical Criticism,	10 a.m.,	3	3	Prof. Stewart.
New Testament Greek,	9 a.m., Tu., Wed., Th.,	2	2	

SUMMER SESSION, 1896.

I.—ARTS.

Tuesday, 21st April, 1896.

Classes.	*Hours.*	*Class Fees.*		
Physical Laboratory,	10 a.m. to 4 p.m.,	£4	4	Prof. Lord Kelvin.
Practical Chemistry,	9 to 11 a.m.,	3	3[1]	Prof. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5	5	
Practical Zoology,	10 a.m. to 1 p.m.,	3	3	Prof. Young.
Botany,	8 a.m.,	3	3	Prof. Bower.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3	3	

Tuesday, 28th April, 1896.

Latin,	10 a.m.,	£2	2	[2] Mr. John Brown, Lecturer.
Greek,	11 a.m.,	2	2	[2] Mr. R. M. Burrows, ,,
Mathematics,	9 a.m.,	2	2	[2] Mr. G. A. Gibson, ,,
Hebrew,	9 a.m.,	2	2	Prof. Robertson and Mr. T. H. Weir.

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[1] Fee for a Second or subsequent Session, £2 2s.

[2] Lecturers for 1895. The Lecturers for 1896 will be appointed in March.

II.—SCIENCE

TUESDAY, 21ST APRIL, 1896.

Classes.	*Hours.*	*Class Fees.*		
Practical Zoology,	10 a.m. to 1 p.m.,	£3	3[1]	PROF. YOUNG.
Botany,	8 a.m.,	3	3[1]	PROF. BOWER.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3	3	
Physical Laboratory,	10 a.m. to 4 p.m.,	4	4	PROF. LORD KELVIN.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5	5	PROF. FERGUSON.
Chemistry, Higher,		3	3	
Practical Anatomy,	8 a.m. to 3 p.m.,	2	2	PROF. CLELAND and Demonstrators.
Practical Physiology,	12 noon,	3	3[1]	PROF. M'KENDRICK and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	5	5	

III.—MEDICINE.

TUESDAY, 21ST APRIL, 1896.

Classes.	*Hours.*	*Class Fees.*		
Botany,	8 a.m.,	£3	3[1]	PROF. BOWER.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3	3	
Clinical Medicine,	9 a.m.,	(see p. 55)		PROF. M'CALL ANDERSON and PROF. GAIRDNER.
Clinical Surgery,	9 a.m.,	(see p. 55)		PROF. GEORGE BUCHANAN and PROF. MACEWEN.
Practical Chemistry,	9 to 11 a.m.,	3	3[1]	PROF. FERGUSON.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5	5	
Chemistry, Higher,		3	3	
Practical Anatomy,	8 a.m. to 3 p.m.,	2	2	PROF. CLELAND and Demonstrators.
Embryology,	11 a.m.,	2	2	PROF. CLELAND and Mr. J. F. Gemmill.
Practical Anatomy and Embryology, if taken together,		3	3	
Practical Zoology,	10 a.m. to 1 p.m.,	3	3[1]	PROF. YOUNG.
Practical Materia Medica,	12 noon,	3	3[1]	PROF. CHARTERIS.
Practical Physiology,[2]	12 noon,	3	3[1]	PROF. M'KENDRICK and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	5	5	
Practice of Medicine,	1 p.m., Tu. and Th.,		[3]	
Forensic Medicine,	8 a.m.,	3	3[1]	PROF. SIMPSON.
Practical Pathology,[2]	12 noon,	3	3[1]	PROF. COATS.
Operative Surgery,		2	2	PROF. MACEWEN.
Diseases of Women,	2 p.m., Tu., Th., Fri.,	2	2	PROF. CAMERON.
Insanity,	12 noon, Wed. (University), 3 p.m., Wed., 10 a.m., Sat. (Gartnavel),	2	2	Dr. Yellowlees, Lecturer.
Eye,	2 p.m., Tu. and Th.,	2	2[4]	Dr. T. Reid, Lecturer.
Ear,		1	1	Dr. Thos. Barr, Lecturer.
Throat and Nose,		1	1	Dr. J. Walker Downie, Lecturer.

[1] Fee for a Second or subsequent Session, £2 2s.

[2] After first Lecture, the Class will meet in three divisions, 8 to 9 a.m., 11 a.m. to 12 noon, and 12 noon to 1 p.m.

[3] Open to all Matriculated Students of the University who have completed their Second Winter of Medical study. This course is supplementary to the Winter course, and takes up special subjects, to be announced in the Summer bills.

[4] Includes fee for attendance at Eye Infirmary.

IV.—LAW.

Tuesday, 21st April, 1896.

Classes.	*Hours.*	*Class Fees.*	
Forensic Medicine,	8 a.m.,	£3 3	Prof. Simpson.
International Private Law,	5.30 p.m.,	3 3	Mr. W. G. Miller, Lecturer.

In addition to the University Courses, the following Hospitals and Dispensaries afford ample means for Practical Instruction in the various departments of Medicine and Surgery :—

Western Infirmary.—This Hospital contains 400 beds for medical and surgical patients, including Wards for Skin Diseases, and one for diseases peculiar to females. *Physicians*—Prof. W. T. Gairdner, M.D., LL.D., F.R.S.; Prof. T. M'Call Anderson, M.D.; James Finlayson, M.D.; Gavin P. Tennent, M.D.; Samson Gemmell, M.D. *Physicians for Diseases of Women*—Prof. Murdoch Cameron, M.D.; W. L. Reid, M.D. *Assistant Physicians*—John Alexander, M.D.; William G. Dun, M.D.; R. S. Thomson, M.B.; Geo. Dickson, M.D.; C. O. Hawthorne, M.B. *Surgeons*—Prof. George Buchanan, M.D., LL.D.; A. Patterson, M.D.; Hector C. Cameron, M.D.; Professor William Macewen, M.D., LL.D. *Honorary Consulting Ophthalmic Surgeon*—T. Reid, M.D. *Assistant Surgeons*—J. C. Renton, M.D.; George T. Beatson, M.D. *Dispensary Physicians*—James Hinshelwood, M.D.; John H. Carslaw, M.B.; R. M. Buchanan, M.B.; A. W. Russell, M.A., M.D. *Extra Dispensary Physicians*—William MacLennan, M.B.; William R. Jack, M.D.; Henry E. Jones, M.B. *Dispensary Physicians for Diseases of Women*—W. L. Reid, M.D.; Robert Kirk, M.D.; Prof. Murdoch Cameron, M.D. *Dispensary Surgeons*—T. K. Dalziel, M.D.; Duncan Macartney, M.B.; James H. Nicoll, M.B. *Extra Dispensary Surgeons*—Andrew Moyes, M.B.; George Burnside Buchanan, B.A. (Cantab.), M.B.; George Lapraik, M.B. *Dispensary Surgeon for Diseases of the Ear*—Thomas Barr, M.D. *Dispensary Surgeon for Diseases of the Throat*—J. Walker Downie, M.B. *Surgeon Dentist*—W. D. Woodburn, L.D.S. *Pathologist*—Professor Joseph Coats, M.D. *Vaccinator*—John W. Nicol, M.B. *Medical Superintendent*—Donald J. Mackintosh, M.B. *Lady Super-*

intendent—Miss E. Clyde. *Secretary*—Henry Johnston, 125 Buchanan Street. The hour of visit is 9 A.M. The Dispensary for Out-Patients is open daily at 2 P.M. Vaccination—Mondays and Thursdays at 12 noon. The station is recognized by the Local Government Board. Fee, £1 1s. According to the present arrangement admission to the practice of this Infirmary is subject to the following regulations:—

1. That every student paying at the commencement of his First Year a Fee of £10 10s., will be entitled to admission to the Infirmary, and also to attend Courses of Clinical Instruction during the winter and summer of the said year.

2. That every student who has thus paid £10 10s., and shall at the commencement of his Second Year pay a further Fee of £10 10s., will have the privilege of admission to the Infirmary, and to the several courses of Clinical Instruction during his lifetime.

3. That the Fee for Hospital Attendance and Clinical Instruction for Six Months only be £7 7s.

4. That the Fee for Hospital Attendance and Clinical Instruction for Three Months only be £4 4s.

5. Any student who shall have paid Fees to the amount of £21 or upwards, in the payments as stated above, shall be entitled to a Ticket, admitting him to the Infirmary, and to the Clinical Instruction during his lifetime.

6. There shall be two courses of Clinical Instruction—the one in the Winter, and the other in the Summer session.

Students who have taken the Hospital Ticket previous to 1st October, 1876, will continue at the scale of Fees then in use, but an additional payment of £10 10s. will make them perpetual students of the Hospital, and admit also to the Clinical Classes under the above rules.

Students who have completed their Clinical Course elsewhere shall be permitted to enter for a six months' course of the *Hospital only*, on payment of a Fee of £2 2s.

OUT-DOOR VISITATION.—Senior Students who have passed their Third Professional Examination are permitted to visit the sick poor in the Anderston district, under the supervision of certain Professors of the University and assistants.

ROYAL INFIRMARY.—Hour of Visit—Surgical, 9 A.M.; Medical, 10 A.M. Clinical Lectures given by the Physicians and Surgeons. Fees for Hospital attendance and Clinical Instruction—same as in the Western Infirmary, excepting fee for six months, which is £6 6s. in the Royal Infirmary.

EYE INFIRMARY, 170 Berkeley Street.—Hour of Visit, 1 P.M daily. Fee for six months, £2 2s.; free to those attending the Lectures on the Eye delivered in the University.

INSANITY.—During the Summer Session Dr. Yellowlees gives in the University a Course of Lectures on Insanity at 12 noon on Wednesdays, and Clinical Instruction at the Glasgow Royal Asylum, Gartnavel, at 3 P.M. on Wednesdays and 10 A.M. on Saturdays. Fee for the combined Course, £2 2s.

There are also Dispensaries for Diseases of the Skin and Ear, and Clinical Instruction in Fevers is given at the Belvidere Hospital.

FACULTIES IN THE UNIVERSITY.

The whole classes of the University are arranged in five Faculties—Arts, Science, Medicine, Law, and Divinity.

I.—FACULTY OF ARTS.

The Faculty of Arts comprehends four Departments of study, viz.:—A. *Language and Literature*, embracing the classes of Humanity, Greek, English, French, German, Hebrew and Semitic Languages; B. *Mental Philosophy*, comprising Logic and Metaphysics, Moral Philosophy, Political Economy, Theory, History, and Art of Education, and Philosophy of Law; C. *Science*, including Mathematics, Natural Philosophy, Astronomy, Chemistry, Zoology, Botany, and Geology; D. *History and Law*, containing History, Constitutional Law and History, Roman Law, and Public Law.

A. LANGUAGE AND LITERATURE.

I. HUMANITY.

The original foundation of this Professorship is not extant; but it appears from the records of the College that it must have been instituted previous to the year 1637. The Professor is elected by the University Court.

Professors from the year 1706.

1706. Andrew Rosse.
1735. George Rosse.
1754. George Muirhead.
1773. Wm. Richardson, M.A.
1815. Josiah Walker, M.A.
1831. William Ramsay, M.A.
1863. George G. Ramsay, M.A., LL.D.

The Humanity Class consists of four divisions—*Junior*, *Middle*, *Senior*, and *Private* or *Honours Class*, which latter Class all members of the ordinary Senior Class have the option of attending. Students not requiring a Public Certificate for the Degree or other purpose may attend as Private Students. Private Students are Students who attend the Class without taking part in the Class work.

In all the Classes the Students prepare certain work prescribed, and are examined orally every day. In the Private or Honours Class the business is conducted largely by Lectures and Prelections delivered by the Professor.

Junior Class.

The Junior Class meets daily from 8 to 9 A.M. on every week day except Saturday. The subjects of study are: Ovid, Tibullus, Virgil, Cicero, Livy—Latin Grammar—Prosody—Easy Latin Prose Composition.

Middle Class.

The Middle Class meets daily from 8 to 9 A.M., and from 11 A.M. to 12. The subjects read are: Ovid, Tibullus, Propertius, Virgil, Horace, Cicero, Livy, together with Latin Prose Composition—Grammar—Prosody—History and Antiquities.

Students entering the Middle Latin Class must have a good knowledge of Latin Grammar, and be able to translate at sight simple passages from Latin into English, and both simple and compound sentences from English into Latin. All students desiring to enter the Junior or Middle Latin Class for the first time in November, 1895, will be examined in the above subjects on Tuesday, 22nd October, at 8 A.M., and they will be placed in the Middle or Junior Class, respectively, in accordance with the result of that Examination.

Senior Class.

The Senior Class meets daily from 9 to 10 A.M., and all students attending the Senior Class have the option also of attending the Private or Honours Class from 1 to 2 P.M. The subjects of study in the class at 9 A.M. are :—The works of Horace—Propertius—Virgil—Cicero—Sallust—Livy—Tacitus—Latin Prose Composition—Latin Prosody—Roman History and Antiquities. The students are examined on paper at intervals during the session. Students may enrol in the Senior Class for Latin Prose only, attending once a week, on Wednesdays at 1 P.M.

All students who propose to join the Senior Class are examined on paper, at the commencement of the session, to test their fitness for the Class. The examination for 1895-96 will be held on Tuesday, 22nd October, at 9 A.M. The paper will include (*a*) *Sentences or passages for translation into Latin.* Students will be examined in Ramsay's Latin Prose Composition, Vol. I. (*b*) *Translation.* Students who have attended the Junior or Middle Class in their first Session are required to satisfy the Professor, in the examination prescribed above, that they are fit to enter the Class.

Private or Honours Class, 1 *p.m.*

This Class is an Honour or Third-year Class, at which advanced work is read. All students who attend the 9 A.M. Class attend at 1 P.M. also, unless exempted for special reasons. Students who attend daily at 1 P.M., and do all the work of the Class, may, by special permission, receive tickets qualifying for the M.A. Degree.

One subject is read and lectured upon on Mondays and Fridays; another on Tuesdays and Thursdays; on Wednesdays special classes in Latin prose are held, at which all students of the 9 A.M. Class attend. Students are allowed to attend as Private Students, *i.e.*, as listeners only, without doing any of the work of the Class; but in that case they do not receive tickets qualifying for the Degree.

Students wishing to do Latin Prose, for the Degree or other purposes, may attend one of the special Sections for Latin Prose which meet weekly at 1 P.M. on Wednesdays.

The students are examined orally and on paper at intervals during the Session, both in the subjects read in the Class and on voluntary subjects specially prescribed. A course of five sessions embraces Lectures and Prelections on Plautus—Terence—Lucretius—Catullus—Propertius—Virgil—Persius—Juvenal—Martial—Tacitus.

In all the classes, written exercises in Latin prose are prescribed regularly, and in the Private Class exercises in Latin or English Verse may be prescribed also.

The subjects read in the Session 1895-96 will be as follows:—

1. PRIVATE OR HONOURS CLASS, at 1 P.M.—Persius; Horace, *Satires* II.; Plautus, *Trinummus;* Virgil, *Æn.* X.

2. SENIOR CLASS, AT 9 A.M.—Horace, *Odes and Epodes;* Cicero, *In Verrem*, IV.; Tacitus, *Annals* V., VI. (Church & Brodribb); Antiquities and Prosody.

3. MIDDLE CLASS, AT 8 A.M.—Cicero, *Phil.* II. (Mayor); Virgil, *Georgic* III. (Sidgwick); Ramsay's Latin Prose Composition, Vol. I.

AT 11 A.M.—Virgil, *Æn.* IV. (Sidgwick); Livy, XXIV. (Macaulay); The Students' Rome.

4. JUNIOR CLASS, AT 8 A.M.—Selections from Tibullus (Ramsay); Cicero, *In Catilinam* (Wilkins); Ramsay's Latin Prose Composition, Vol. I.

II. GREEK.

This Professorship was founded by the College in or about the year 1581. The Professor is elected by the University Court.

Professors from the year 1704.

1704. A. Dunlop, LL.D.
1746. James Moor, LL.D.
1774. John Young, M.A.
1821. Sir Daniel K. Sandford, M.A.
1838. Edmund L. Lushington, LL.D.
1875. R. C. Jebb, D.C.L., Litt. D., LL.D.
1889. G. G. A. MURRAY, B.A.

The Greek Class consists of three divisions, the Senior, the Middle, and the Junior. Students not requiring a public Certificate may attend as Private Students, *i.e.*, without doing the work of the class.

There will also be in 1895-96 a Research Class in some subject connected with Greek Religious Thought, for advanced and graduate students.

Students are placed in the several Classes in accordance with the result of an Examination held at the opening of the session. This Examination will be held on Monday, 21st

October, 1895. Accurate knowledge of the Elements of Accidence and Syntax will be required. A piece of unseen translation will also be set.

Students who have sat for the University Preliminary Examination need not sit for this special examination unless they wish.

All students should possess the following books:—*Ancient Atlas* (Justus Perthes' recommended); *Greek Lexicon*, Liddell & Scott (large or intermediate edition—the small edition is not sufficient); *Primer of Greek Literature*, Jebb; *Greek Grammar*, Sonnenschein. *All students before joining the Class should prepare this Grammar* (*Accidence*) *to the end of the Verb.*

JUNIOR CLASS ('TIRONES').

The Junior Class meets at 12 noon every week-day except Saturday.

The Class reads extracts from Xenophon and other Attic writers. There are also written exercises in Greek Composition, and examinations in Grammar.

MIDDLE CLASS ('PROVECTIORES').

The Middle Class meets at 10 A.M. on every week-day except Saturday.

The Class usually reads the easier Attic authors, including Lucian. Written exercises in translation from English into Greek and from Greek into English form part of the work.

For teaching purposes the Class is sometimes divided into two sections, called 'Upper' and 'Lower' Middle respectively.

SENIOR CLASS.

The Senior Class meets at 8 A.M., and certain members of it at 12 noon, on every week-day except Saturday.

(1) 8 A.M.

At 8 A.M. the Class reads various Greek authors, and is examined orally every day.

(2) 12 NOON ('SENIOR AND PRIVATE').

At 12 noon more advanced work is done: a certain portion of the work bears specially upon the Degree, both for Pass and for Honours. Members of the Senior Class are recommended to attend, but are not in any way bound to do so. Students not requiring a Public Certificate may attend as Private Students, *i.e.*, without doing the work of the Class.

Greek Composition, Prose and Verse, and Written Exercises in Translation form part of the work.

There is less oral examination in the teaching of this Class, the Professor generally giving lectures or prelections.

N.B.—*The hour of meeting of this Class has been changed from* 2 *p.m. to* 12 *noon.*

Subjects for Session 1895-96.

Junior Class.—Sonnenschein's *Greek Grammar;* Sidgwick's *First Greek Writer;* Xenophon, *Easy Selections*, by Phillpots & Jerram; *Scenes from Euripides' Ion* (Sidgwick).

Middle Class.—Xenophon, *Anabasis*, I.—IV. (Goodwin & White); Sophocles, *Philoctetes* (Campbell & Abbott); Lucian, Juge & Macnaghten's *Selections;* Composition and Written Translation.

Senior Class.—*Herodotus*, VII. (Mrs. Butler); Plato, *Republic*, VIII., IX.; Euripides, *Iphigenia in Aulide* (Headlam); Composition and Written Translation.

Senior and Private Class.—Lectures by the Professor on Greek Epic Poetry, with especial reference to *Odyssey* XIV. and other parts, *The Hymn to Demeter*, and Apollonius Rhodius, *Argonautica* III. Plutarch's *Life of Timoleon*, with Mr. Macdonald. Lectures on Greek History by Mr. Burrows. Lectures on Greek Philosophy with especial reference to Diogenes Laertius' Articles on Pythagoras, Empedocles, Parmenides, Heraclitus, Democritus, Zeno, and Epicurus. Prose and Verse Composition.

N.B.—*When a student is prevented from attending at* 8 *a.m. he may obtain a Senior Certificate by attending at* 12 *noon, provided that he passes both the written examinations.*

III. ENGLISH LANGUAGE AND LITERATURE.

This Chair was founded by ordinance of the Universities Commissioners (1858) of date 25th November, 1861, and is in the gift of the Crown.

Professors.

1862. John Nichol, LL.D.
1889. Andrew Cecil Bradley, M.A.

N.B.—*Students will find it much to their advantage to take the English Literature Class, as has hitherto been the custom, in the later part of their Course.*

The subjects of the Ordinary Degree Examinations in October, 1895, *and in April and October,* 1896, *will be found on p.* 157. *It is necessary for students who enter for these examinations in a session later than that in which they attended the Class, to pay special attention to the information there given.*

The Class meets daily, except on Saturday, at 4.30 p.m.

Public students are examined orally. They are also required to pass written examinations, and to hand in exercises on subjects set from time to time.

The work of the Class will comprise the following subjects :—

1. English Composition. Text-books : Nichol's *Composition Primer*, and Nichol and M'Cormick's *Questions and Exercises on English Composition.*

2. The Outlines of English Philology.

3. The Elizabethan Drama, with special reference to Shakespeare. The plays dealt with at length will be the following :—Marlowe's *Dr. Faustus* and *Edward II.;* Shakespeare's *Two Gentlemen of Verona*, *Henry V.*, *Much Ado about Nothing*, *As You Like It*, *Hamlet*, *Othello*, *King Lear*, *Macbeth*, *Coriolanus*, *Cymbeline ;* Jonson's *Alchemist* and *Epicœne ;* Beaumont & Fletcher's *Philaster ;* Webster's *Duchess of Malfi;* Massinger's *A New Way to Pay Old Debts.* Text-books : any edition of Shakespeare (the Globe recommended) and Nimmo's *British Dramatists.*

4. (*a*) Chaucer's *Nun's Priest's Tale* (Clarendon Press edition, the volume containing also the *Prologue* and the *Knight's Tale*).

(*b*) Tennyson's *Idylls of the King.*

Honours Class.—Mr. Bradley will lecture on some or all of the following subjects :—1. The general history of English Literature from 1350 ; 2. Shakespeare's Tragedies ; 3. Shelley ; 4. Tennyson, especially *Maud* and *In Memoriam.*

This class will meet on Monday, Wednesday, and Friday, at 10 a.m.

IV. FRENCH.

For hours of meeting see p. 50, and for syllabus of course see p. 118.

V. HEBREW AND SEMITIC LANGUAGES.

(See under Faculty of Theology, p. 108.)

B. MENTAL PHILOSOPHY.

I. LOGIC AND RHETORIC.

This Professorship is one of those founded in the charter of *Nova Erectio*, in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. John Loudon.
1751. Adam Smith, LL.D.
1752. James Clow.
1787[1]. George Jardine, M.A.
1827[2]. Robert Buchanan, LL.D.
1864. John Veitch, LL.D.
1895. ROBERT ADAMSON, LL.D.

The Logic Class meets daily, on five days of the week, from 9 to 10 A.M.

The Course of Lectures will include the following subjects:—

I. LOGIC.—(A) Introduction on the Province and General Problems of Logic. (B) Pure Logic, including the treatment of Fallacy. (C) Theory of Scientific Method.

II. PSYCHOLOGY.—A general account of the composition and development of Mind, with a more detailed consideration of the process of knowledge.

III. METAPHYSICS.—An introduction, historical and critical, to the general questions of Modern Philosophy. The historical reference will concern mainly the doctrines of Descartes, Locke, Berkeley, and Hume.

Exercises and Essays on subjects connected with the course are prescribed to the students; and General Written Examinations take place at regular intervals during the currency of the session.

The Class is annually arranged into two divisions, Senior and Junior, according to the age of the students; and prizes are assigned, in each of the divisions, to those who have most distinguished themselves by diligence, proficiency, and ability in the exercises and examinations of the session.

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[1] Mr. Jardine was assistant and successor to Mr. Clow from 2nd June, 1774.
[2] Mr. Buchanan was assistant and successor to Mr. Jardine from 1st October, 1824.

An advanced Class in which lectures will be given on the subjects prescribed for Honours in Mental Philosophy, will meet three times a week. Intimation of the days and hours of meeting of the Advanced Class will be made at the beginning of the session.

II. MORAL PHILOSOPHY.

This Professorship was founded by the charter of *Nova Erectio*, in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. Gerschom Carmichael.
1730. F. Hutcheson, LL.D.
1746. Thomas Craigie.
1752. Adam Smith, LL.D.
1764. Thomas Reid, D.D.
1796[1]. Archd. Arthur, M.A.
1797. James Mylne, M.A.
1839. William Fleming, D.D.
1866. Edward Caird, D.C.L., LL.D.
1894. HENRY JONES, M.A.

The Moral Philosophy Class meets at 8 A.M. on five days of the week, and the more advanced class, which is intended mainly to prepare students for the Degree with Honours, on Monday, Tuesday, and Thursday, at 1 P.M.

In the Lectures, Moral Philosophy is treated both historically and systematically. In connection with the systematic part of the course Lectures are given on the metaphysical and psychological implications of Morals, and in connection with the historical part the historical development of Morals is traced, and an account given of the main ethical theories of ancient and modern times.

In the Higher Moral Philosophy Class the Professor will lecture on the subjects for the Degree with Honours.

III. POLITICAL ECONOMY.

This subject was attached to the Chair of Moral Philosophy till 1892, when a separate lectureship was instituted by the University.

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[1] Mr. Arthur was assistant and successor to Dr. Reid from 22nd May, 1780.

Lecturer.

1892. William Smart, M.A., LL.D.

The Political Economy Class meets at 5.30 p.m. on Mondays, Tuesdays, Wednesdays, and Thursdays, beginning 21st Oct.

The lectures, which are partly doctrinal, partly historical, cover the general principles of Economics, and embrace such subjects as the following :—*Production.*—The Factors ; Land, Labour, Capital : their Relations in the Organization of Industry. *Exchange.*—The Theory of Value : Money, Credit, Banking ; International Trade. *Distribution.*—The Theories of Rent, Profit, Interest, Wages. *Consumption.*—Income, Expenditure, Saving, Destruction ; Effects on Production and Distribution. *Public Finance.*—Poor Laws, National Debts, Taxation. *Modern Problems.* — Protection, Trade Unions, the Unemployed, Bimetallism, Socialism.

The lectures are intended to accompany the study of prescribed books. The text-book for the year is Marshall's *Elements of Economics*, supplemented by Gide's *Political Economy.* To meet the requirements of the Ordinances for Degrees in Law and in Arts, the first fifty lectures (or the last fifty lectures in the case of those who have taken Political Economy in a previous session) will count as a half-course. Candidates for the Arts Degree who may aim at the LL.B. standard will be examined in Bagehot's *Lombard Street* and Bastable's *Public Finance*, Books II. and III., in addition to the text-books of the year.

Preparatory Reading.—Students are required to read the first seventy pages of Marshall's *Elements of Economics*, on which the first written examination will be set in the second week of the session.

IV. EDUCATION.

THEORY, ART, AND HISTORY OF EDUCATION.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. David Ross, M.A., B.Sc., LL.D.

The Education Class meets daily at 3.30 p.m. The course consists of one hundred lectures qualifying for Graduation in Arts.

A. Theory of Education.—End and aim of Education. Order and mode of development of the mental faculties.

Adaptation of the curriculum to growing capacity. The training of the senses. The laws of association and memory as related to education. Cultivation of the imagination. Development of the will. Formation of habit and character. Authority and discipline. Emulation, praise, blame, rewards, punishment: their aims and methods.

Considerations determining the curriculum. Bifurcation into classical and modern sides. The manual and the technical in instruction.

B. EDUCATION AS AN ART.—General rules of method as deduced from theory. Modifications and limitations in practice. Correlation of studies. Oral teaching, text-books, note-books. The art of questioning. Model and criticism lessons. Infant and Kindergarten teaching. Object lessons. Detailed exposition of method as applied to the various subjects of the school curriculum. Special cases, the deaf, dumb, and blind.

School organization. The structure and equipment of school rooms. Sanitation and school hygiene, physical exercises, drill, recreation. Books and apparatus. Classification, time-tables, registration of attendance and results.

C. HISTORY OF EDUCATION.—Systems of education now or formerly in vogue. The lives and work of eminent teachers. The theories of leading writers on Education.

Special periods will be dealt with from year to year. In 1895-96 the special subjects will be: (1) Education in Ancient Greeece and Rome: Socrates, Plato, Aristotle, Xenophon, Cicero. Quintilian. (2) Montaigne, Mulcaster, Comenius, Milton. (3) Locke, Rousseau, Pestalozzi, Froebel, Arnold, H. Spencer.

In April and October, 1896, the subjects of examination for the Degree of M.A. will be those set forth in the preceding paragraphs.

V. PHILOSOPHY OF LAW.

(See under Faculty of Law, p. 102).

C. SCIENCE.

I. MATHEMATICS.

This Professorship, long suppressed for want of funds, was revived by an Act of Faculty in 1691. The Professor is appointed by the University Court, and is a member not only of the Faculty of Arts, but also, since 1893, of the Faculty of Science.

Professors from the year 1691.

1691. George Sinclair.
1699. Robert Sinclair, M.D.
1711. Robert Simson, M.D.
1761. James Williamson, D.D.
1796[1]. James Millar, M.A.
1832. James Thomson, LL.D.
1849. Hugh Blackburn, LL.D.
1879. WILLIAM JACK, LL.D.

First Class.

Subjects: *Euclid* and *Algebra*, from the beginning, and *Trigonometry* of right-angled triangles. The Class meets from 9 to 10 daily, except on Saturdays. A more advanced section meets from 10 to 11 daily, except on Saturdays. Knowledge of the first book of Euclid and of Algebra, including simple equations, will be assumed in this section.

Second Class.

For Students who have attended the First Class, or who have otherwise acquired a knowledge of Euclid, Books I., II., III., IV., and of Algebra, as represented by the first twenty-two Chapters (Chaps. XIV., XV., XIX. excepted) of Todhunter's larger text-book. Subjects: *Euclid*, Books V., VI., and XI. 1—21, more advanced *Algebra*, and the *Elements of Transversals* and of *Geometrical Conics*, *Trigonometry*, including solution of triangles. Two parallel subdivisions of the Class meet daily (except on Saturdays), one from 9 to 10, and one from 12 to 1.

Intermediate Honours Class.

Subjects: *Plane Trigonometry*, *Analytical Conics*, *Differential and Elements of Integral Calculus.* The Class meets from 10 to 11 daily, except on Saturdays.

Advanced Honours Class.

Subjects: *Integral Calculus*, *Spherical Trigonometry*, *Geometry of Three Dimensions*, *Differential Equations*, *Finite Differences.* The Class meets at 11-12 on Mondays, Wednesdays, and Fridays.

Attendance on the Mathematical Classes, for not less than two

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[1] Mr. Millar was assistant and successor to Dr. Williamson from 26th Feb., 1789.

Winter Sessions, one of which must be on either the Second or the Intermediate Honours Class, is required for the degree of M.A., in the case of students who began their course before 1st Oct., 1892, "unless the candidate at the time of his entrance to the University shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the Senior Class," in which case attendance on an Honours Class for one session is sufficient.

For the "Lorimer," the "Metcalfe," and the "Muir" Bursaries in Mathematics, see under Bursaries; and for the Cunninghame Gold Medal, see under Prizes.

II. NATURAL PHILOSOPHY.

This Professorship was founded by the Charter of *Nova Erectio* in 1577; and the Professor was confined to the department of Natural Philosophy in 1727. The Professor is elected by the University Court, and is a member not only of the Faculty of Arts, but also, since 1893, of the Faculty of Science.

Professors from the year 1727.

1727. Robert Dick.
1751. Robert Dick, M.D.
1757. John Anderson, M.A.
1796. James Brown, LL.D.
1803. W. Meikleham, LL.D.
1846. Lord Kelvin, D.C.L., LL.D., P.R.S.

The Natural Philosophy Class meets daily at 9 A.M. The hour is chiefly spent in statements of Principles, descriptions of Results of Observation, and experimental Illustrations.

The main divisions of the course are—(1) Abstract Dynamics; (2) Properties of Matter; (3) Sound, Light, Heat, Magnetism and Electricity.

A programme of the subjects which will be taken up, as far as time permits, during the Session 1895-96, will be published before the commencement of the Session, and may be had on application at the Natural Philosophy Class-room.

The Higher Course, which meets at 12 noon daily, is devoted to Mathematical Demonstrations and Exercises in Kinetics and Statics, and to a course on some special subject of Mathematical Physics.

The text-books used are—

"A Treatise on Natural Philosophy," by Professors Sir

William Thomson (Lord Kelvin) and P. G. Tait (Cambridge University Press); "Elements of Natural Philosophy," by the same authors (Cambridge University Press); "Dynamics and Hydrostatics," by J. T. Bottomley (W. Collins & Sons); "Heat" and "Elasticity," vol. iii. of Lord Kelvin's "Mathematical and Physical Papers" (Cambridge University Press); Deschanel's "Experimental Physics," translated by Everett; "Absolute Measurements in Electricity and Magnetism," by A. Gray (Macmillan & Co.); "Mathematical Tables," by J. T. Bottomley (Macmillan & Co.); "Exercises in Natural Philosophy," by M. Maclean (James MacLehose & Sons).

The more elementary of the treatises by Thomson and Tait, along with Dynamics and Hydrostatics by Bottomley, will be used for the work required of all students of Natural Philosophy in the regular curriculum. The whole, or certain specified parts of the larger treatise, will be prescribed in connection with voluntary examinations and exercises in the class, and for candidates for the degree of M.A. with honours. Students who desire to undertake these higher parts of the business of the Class ought to be well prepared on all the subjects of the Intermediate Honours Mathematical Class.

The Laboratory in connection with the Class is open daily from 10 A.M. to 4 P.M. for Experimental Exercises and Investigations, under the direction of the Professor and his official Assistant, and the Demonstrator in Experimental Physics.

For the Arnott and Thomson Demonstratorship in Experimental Physics, see p. 110.

III. ASTRONOMY.

(See under Faculty of Science, page 72.)

IV. CHEMISTRY.

(See under Faculty of Medicine, page 84.)

V. ZOOLOGY.

(See Natural History, under Faculty of Medicine, page 82.)

VI. BOTANY.

(See under Faculty of Medicine, page 86.)

VII. GEOLOGY.

(See Natural History, under Faculty of Medicine, page 82.)

D. HISTORY AND LAW.

I. HISTORY.

This Chair was founded by Ordinance No. 28 of the Universities Commissioners (1889) of date 5th June, 1893. The Professor is appointed by the University Court.

Professor.

1894. Richard Lodge, M.A.

The Class meets daily at 11 A.M., except on Saturdays. [N.B.—The hour may be changed to suit the convenience of students.] The course consists of one hundred lectures qualifying for graduation. Students are required to pass three written examinations in the course of the Session, and to hand in exercises on subjects set from time to time.

In the Session of 1895-96 the Professor will lecture on the Outlines of British History to 1815. The following textbooks are prescribed: Green, *Short History of the English People;* Gardiner, *Student's History of England;* Bright, *English History for Public Schools.* Books upon special periods will be recommended in a detailed syllabus which will be given to the Class.

Honours Class.—This Class will meet on Mondays, Wednesdays, and Fridays, at 4.30 P.M. In each Session the Professor will treat some period either of British or European history, with special reference to one or more contemporary authors.

In the Session of 1895-96 the Professor will lecture on British History from 1714 to 1815, with special reference to the following works of Burke: *Thoughts on the Present Discontents; Speeches on American Taxation; Reflections on the French Revolution.* The following books are recommended to students attending this class: Lecky, *History of England in the Eighteenth Century;* Mahon, *History of England from the Treaty of Utrecht;* Horace Walpole, *Memoirs;* Trevelyan, *Early Life of Charles James Fox;* John Morley, *Walpole* and *Burke;* Lord Rosebery, *Pitt;* Stanhope, *Life of Pitt;* Cornewall Lewis, *Administrations of Great Britain;* Erskine May, *Constitutional History of England;* Seeley, *The Expansion of England;* Mahan, *The Influence of Sea Power;* Goldwin Smith, *The United States;* Sir A. Lyall, *Rise of British Dominion in India.*

II. CONSTITUTIONAL LAW AND HISTORY.

(See under Faculty of Law, page 102.)

III. ROMAN LAW.

(See under Faculty of Law, page 101.)

IV. PUBLIC LAW.

(See under Faculty of Law, page 103.)

II.—FACULTY OF SCIENCE.

The Faculty of Science was instituted by Ordinance No. 31 of the Universities Commissioners (1889) of date 5th June, 1893, and embraces the classes of Mathematics, Natural Philosophy, Astronomy, Chemistry, Natural History (including Geology and Zoology), Botany, Anatomy, Physiology, Civil Engineering and Mechanics, and Naval Architecture.

I. MATHEMATICS.

(See under Faculty of Arts, page 67.)

II. NATURAL PHILOSOPHY.

(See under Faculty of Arts, page 69.)

III. ASTRONOMY.

The Professorship of Practical Astronomy was founded in the year 1760, conjointly with the office of Observer in the University of Glasgow, and is in the gift of the Crown. By Ordinance No. 31 of the Universities Commissioners (1889) of date 5th June, 1893, it is now called Astronomy, and the Professor is a member of the Faculty of Science, the Chair having been transferred by the Universities' Commissioners in 1893 from the Faculty of Arts to the newly instituted Faculty of Science.

Professors.

1760. Alex. Wilson, LL.D.
1784[1]. Patrick Wilson, LL.D.
1799. W. Meikleham, LL.D.
1803. James Cooper, D.D.
1836. John P. Nichol, LL.D.
1859. R. Grant, LL.D., F.R.S.
1893. Ludwig Becker, Ph.D., F.R.A.S.

[1] Dr. P. Wilson was assistant to his father from 5th June, 1782.

An Observatory has always existed in connection with this Chair. The present Observatory is situated on an eminence in the immediate vicinity of the University buildings. The principal instruments are :—A Transit Circle of six inches aperture, by Ertel of Munich; an equatorially-mounted Reflector, of twenty inches aperture, by Grubb of Dublin, to which is attached an efficient star-spectroscope, of three and a half inches aperture; and an equatorially-mounted Refractor, of nine inches aperture, by Cooke of York. The students' department contains a Theodolite with Circles, fourteen inches in diameter, which is mounted in a rotating hut; and several sextants.

Dr. Wilson, the second occupant of the Chair, bequeathed to the University the sum of one thousand pounds, upon the condition that the interest thereof should be applied to the purchase of instruments and books for the use of the Professor of Astronomy and the students attending his prelections.

The Trustees of the Bellahouston Bequest Fund made in 1894 the generous grant of one thousand pounds towards the Chair of Astronomy. The money has been expended in bringing the instruments at the Observatory into an efficient state.

The Professor of Astronomy is chiefly occupied in directing the operations of the Observatory; but he also delivers a Course of Lectures on Astronomy at the University during the session, and gives expositions on instruments and methods of observation at the Observatory.

First Class.

Subjects: Elementary Mathematical Astronomy—The celestial sphere, description and theory of instruments, determination of latitude and time. Spherical Astronomy—Precession, Nutation, Aberration, Star-occultations. Theoretical Astronomy—Determination of the orbit of a comet. Within certain limits the subjects may be varied to suit the requirements and attainments of students.

The Class meets at 3 p.m. on Mondays, Wednesdays, and every second week on Fridays. Practical Demonstrations at the Observatory.

Books recommended for general reading—Barlow and Bryan, *Elementary Mathematical Astronomy* (Univ. Corr. Coll. Tutorial Series, London); Young, *Text Book of General Astronomy.*

Second Class.

Subjects: Mechanics of the Heavens—Problem of two bodies, including Hamilton-Jacobi's treatment of the subject; problem of n bodies; introduction to theory of perturbations; theory of precession and nutation; interpolation and mechanical quadration.

A different course will be arranged if the majority of the students be preparing for the Degree of B.Sc. in Engineering Science (New Regulations).

The Class meets at 3 p.m. on Tuesdays and Thursdays, and every second week on Fridays.

The first class counts as a half course for the Degree of M.A.; the two classes together, which may be taken in one session, are a full course for the Degree of B.Sc.

Students preparing for the Degree of B.Sc. in Engineering Science (under Regulations of 1890) are recommended to study the first eight chapters of Barlow and Bryan's *Elementary Mathematical Astronomy.*

IV. CHEMISTRY.

(See under Faculty of Medicine, page 84.)

V. NATURAL HISTORY.

(See under Faculty of Medicine, page 82.)

VI. BOTANY.

(See under Faculty of Medicine, page 86.)

VII. ANATOMY.

(See under Faculty of Medicine, page 81.)

VIII. PHYSIOLOGY.

(See under Faculty of Medicine, page 88.)

IX. CIVIL ENGINEERING AND MECHANICS.

The Professorship of Civil Engineering and Mechanics was instituted by Queen Victoria in 1840, and is in the gift of the Crown. The emoluments of the Chair were increased in 1872 by a supplemental endowment[1] by Mrs. Elder, widow of Mr. John Elder, engineer and shipbuilder, Glasgow; and more recently, in 1876, an Assistantship was founded by bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow.[1]

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[1] The annual income of a sum of £5000.

Professors.

1840. Lewis D. B. Gordon, C.E.
1855. William J. Macquorn Rankine, C.E., LL.D.
1873. James Thomson, C.E., LL.D., D.Sc., F.R.S.
1889. ARCHIBALD BARR, D.Sc., M.Inst.C.E.

The Courses of the Professor of Engineering extend throughout the winter session, that is from 22nd October till 22nd March. They comprise Lectures on Engineering Principles and Practice, Instruction in Geometrical Drawing and in Engineering Drawing and Calculations, and visits to Engineering Works and Manufactories.

These Courses are designed primarily to suit students who intend to devote themselves to Civil, Mechanical, Electrical, or Mining Engineering; but the work of the Classes will be found of direct practical utility to architects and to men who are engaged in any occupations connected with manufactures.

The work of the Classes is not intended in any way to supersede the usual requirements of pupilage or apprenticeship in Engineering, but to enable the Engineer to gain such a knowledge of the principles underlying his profession or trade as he cannot acquire by only working in the office, in the field, or in the workshop. The Classes may be attended either before or after pupilage or apprenticeship, or concurrently therewith.

Four Courses of Lectures are arranged for, three of which will be delivered in each session.

To suit the convenience of men engaged in offices and works, two of the Classes will be held at 8 A.M., and the advanced course will be held at 9 A.M.

CLASS I.—THE MATERIALS OF CONSTRUCTION AND THE ELEMENTS OF APPLIED MECHANICS.—Mondays, Wednesdays, and Fridays, at 8 A.M.—The Lectures will treat of the Origin, Preparation, Properties and Uses of the Chief Constructive Materials, especially of Cast Iron, Wrought Iron and Steel, Brass and other Alloys, Timber, Building Stones, Cements and Concrete; and of Methods of Calculation and the more Elementary Principles of Mechanics in their application to problems connected with Engineering Structures and Machines.

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[1] The salary for the Young Assistantship thus founded is £140, or thereby.

CLASS II.—SURVEYING, LEVELLING, AND SETTING-OUT OF WORKS.—This Class will not be held during the present session. It is held in alternate years with Class III., on Tuesdays, Thursdays, and Saturdays, at 8 A.M.—Surveying with the Chain and with Angular Instruments; Telemetry; Levelling; the Optical and Mechanical Principles, Tests, and Adjustments of Surveying and Levelling Instruments; Setting-out of Works, especially Setting-out of Railways; Mensuration of Areas of Land and of Volumes in Earth Works; the Execution of Civil Engineering Works. The Lectures will treat for the most part of those portions of the subject which are not readily learned in ordinary field and office practice.

CLASS III.—PRIME MOVERS AND THE MECHANICS OF MACHINERY.—Tuesdays, Thursdays, and Saturdays, at 8 A.M. The Lectures treat of the Theory of Steam and Gas Engines, the structural details of Boilers and Engines, the Mechanics of Machinery, the Elements of Machine Design, the Transmission of Power, and Friction and Lubrication in Machines. Attendance on this Class should be preceded by attendance on Class I. in the case of students entering with no knowledge of Mechanics.

CLASS IV.—HIGHER APPLIED MECHANICS AND HYDRAULICS.—Daily, except Saturday, at 9 A.M. The Lectures treat of the Strength and Elasticity of Materials, the Strength and Stiffness of Beams, Girders, Columns, Framed Structures, Shafts, etc.; Hydraulics and Hydraulic Appliances, including the Gauging of Water, the Flow of Water in Pipes, and the Principles of Water Wheels, Turbines, and Centrifugal Pumps.

ENGINEERING DRAWING AND CALCULATIONS.—The drawing class room is open daily, except Saturday, from 9 A.M. till 5 P.M. Each student will be required to attend six hours per week (at times to be arranged at the commencement of the session), and will be expected to devote extra time to the performance of work. The work of the Classes will comprise Lectures and Practice in Civil and Mechanical Engineering Drawing, Descriptive Geometry, and Graphical Statics, and the performance of graphical work and calculations in connection with the lecture courses.

Recommendation.—It is strongly recommended that students of Engineering should, if possible, get themselves engaged, for two or three summers within the period of their attendance in the University, in engineering or architectural service, in offices, or in workshops, or on works such as railways, water works, or harbour works in progress.

As to the Degrees of B.Sc. and D.Sc. in Engineering Science, see Index.

As to the Certificate of Proficiency in Engineering Science, see Index.

As to the Muir Bursaries, the Metcalfe Bursaries, the Walker Prizes and the George Harvey Prize, in the Department of Civil Engineering and Mechanics, see Index.

X. NAVAL ARCHITECTURE, INCLUDING MARINE ENGINEERING.

The John Elder Chair of Naval Architecture was founded by the University in 1883. An endowment of £12,500 was provided by Mrs. Elder, widow of Mr. John Elder, engineer and shipbuilder, Glasgow. The Professor is appointed by the University Court.

Professors.

1883. Francis Elgar, LL.D. | 1886. Philip Jenkins.
1891. John Harvard Biles.

The Courses of the Professor comprise a Junior Course of Lectures and Examinations upon Naval Architecture and Marine Engine and Boiler Design, and a Senior Course of Lectures and Examinations upon Naval Architecture and Marine Engine Design; also a Junior and a Senior Course of Instruction in Ship Drawing and Calculations and Marine Engine Drawing and Design. The Junior Course of Lectures and Examinations may be taken in either the first or the second year of the regular curriculum, and the classes will meet on Mondays, Wednesdays, and Fridays at 11 A.M. The Classes of the Senior Course will be held on Mondays, Tuesdays, and Thursdays from 11 A.M. to 12 noon, or at any other hour that may be found convenient.

The Junior Course of Instruction in Ship Drawing and Calculations and Marine Engine Drawing and Design is expected to be taken by students in the first year of the regular curriculum; and the classes will be held on Tuesdays, Wednesdays, Thursdays, and Fridays from 2 P.M. to 5 P.M. The classes of the Senior Course will be held on Tuesdays, Wednesdays, Thursdays, and Fridays from 2 P.M. to 5 P.M., or at any other hour that may be found convenient.

As to the Degree of B.Sc. on the side of Naval Architecture and Marine Engineering, see Index.

As to the Lloyd's Register Scholarship, the Elder Bursaries. the Shipwrights' Company's Prize, and the Kirk Memorial Prize, see Index.

III.—FACULTY OF MEDICINE.

The Faculty of Medicine embraces the Classes of Practice of Medicine, Anatomy, Natural History, Surgery, Midwifery, Chemistry, Botany, Materia Medica, Physiology, Forensic Medicine, Clinical Surgery, Clinical Medicine, Pathology, Insanity, and Physics, on all of which attendance is required for the Degree of M.B. To this Faculty also belong the Lectureships on Embryology, Diseases of the Eye, Diseases of the Ear, and Diseases of the Throat and Nose, and the Courses of instruction necessary for the Diploma in Public Health.

PRACTICE OF MEDICINE.

This Professorship, created in 1637, but long suppressed for want of revenue, was revived by the College in 1712, and endowed by Queen Anne in the following year. It is in the gift of the Crown.

Professors.

1714. John Johnstoun, M.D.
1751. William Cullen, M.D.
1756. Robert Hamilton, M.D.
1757. Joseph Black, M.D.
1766. Alex. Stevenson, M.D.
1789. Thomas C. Hope, M.D.
1796. Robert Freer, M.D.
1827. Charles Badham, M.D.
1841. William Thomson, M.D.
1852. John M'Farlane, M.D.
1862. WILLIAM TENNANT GAIRDNER, M.D., LL.D., F.R.S.

The course is directed to the exposition of the Healing Art in its more practical aspects, having regard to the immensely wide range of diseases usually assigned to the physician and the general practitioner, as opposed to the surgeon and the specialist. The general principles and doctrines which are available at the bedside of the sick are each year carefully and thoroughly considered in connection with such a number and variety of illustrative instances as may be expected to leave a lasting and vivid impression of the essentials of Diagnosis, Prognosis, and Treatment, in so far as these can be advantageously delivered in the form of lectures guided by a systematic plan, conveying not only the opinions of the professor, but also references to the general history of opinion, and the steps by which the existing knowledge of disease has been built up. Thus, a broad and sufficient basis is obtained for conveying an insight into what may now be regarded as settled medical doctrine, and also, as regards points which cannot be so considered, suggestions as to the direction in which we may reasonably look for guidance in the future. But no attempt is made to give a complete synopsis annually of the details of practice in all departments; for this, the student is of necessity referred to one or other of the current text-books. In 1895-96, the first part of the course will be occupied with the exposition of the Fevers, using especially the greater specific Fevers as types, and giving precedence to some of those of which practical illustrations are usually to be found in the City of Glasgow Fever Hospital at Belvidere, where the Professor recommends the students to avail themselves of the opportunities liberally afforded under the Local Authority for Clinical Instruction in this subject. The general doctrines of Pyrexia, the use of the thermometer as a medical instrument, the physiological and pathological relations of temperature to functional disturbance and tissue-change, will be discussed in this part of the subject. The connection of particular Fevers with micro-organisms, and the general doctrines thence arising, will be indicated as far as is possible without diverging too much from practical lines; and the prevention, as well as the treatment, of the different fevers will be considered, so as to comprise in this part of the course the principles, if not the details, of sanitary administration. In the early part of the session instruction will also be given on the elements of Physical Diagnosis, so as to constitute a preparation for hospital and dispensary work. Diseases of the Heart and Great Vessels will next come under consideration, and after these, certain Diseases of the Abdomen, as far as time will allow. Professor Gairdner has been in the habit of giving two lectures a week in summer in order to overtake subjects left out of the winter course, attendance on these lectures being voluntary, and without additional fee. In the summer of 1895 this course will be upon Diseases of the Nervous System. The subjects treated of in summer will form part of the tutorial work of next winter. The course will be illustrated by diagrams and tables, hand-coloured drawings and photographs, etc., wax casts, models, and preparations of morbid Anatomy; and, while Clinical Instruction, as given in the Western Infirmary, will necessarily and properly be kept entirely distinct from systematic, incidental reference will sometimes be made to cases under treatment as illustrating details or principles which it is desirable so to bring home to the student. Professor Gairdner conducts at the Western Infirmary, both in winter and in summer, part of the regular Clinical Instruction given to the Medical Students of the University; and he holds that such instruction (whether given by him or by others) is the only form of "laboratory" or "practical" instruction which has any relation to a course of Practice of Medicine. Tutorial Instruction, however, on the basis of the lectures, and by examination *vivâ voce*, will be given to the class in sections, at separate hours adjusted to the convenience of students, one hour a week being assigned to each section. Three written examinations are held in the course of the winter session, in December, February, and March respectively; and the medals and certificates of distinction are determined upon the basis of these Examinations, for which the tutorial classes are considered as a preparation. The meetings of the whole class (including the written examinations) will amount to about 100 during the winter session.

A portrait-medal of Professor Gairdner is awarded to the most distinguished student in the class of Practice of Medicine. The dies for this medal were presented to the University along with a Portrait of Dr. Gairdner by his former students, on 28th January, 1893.

Text-Books.—Those most generally used in the Class are:—Bristowe's *Theory and Practice of Medicine*, last edition; Finlayson's *Clinical Manual for diagnosis and hospital work* (third edition, 1891); Frederick Taylor's *Manual of the Practice of Medicine* (1893); Yeo's *Manual of Medical Treatment or Clinical Therapeutics*; Whitla's *Dictionary of Treatment*. The following well-known systematic treatises, however, are also recommended, and may be used by those who prefer them, viz.:—The recently published *Principles and Practice of Medicine*, by the late Dr. Fagge (London, third edition, 1891); Frederick Roberts, Osler Strümpell (also translated in America, but published in London, 1893); Pepper's American *Text-book of the Theory and Practice of Medicine*, 1893. Graham Brown's, also Fenwick's *Treatises on Medical Diagnosis*, and Gee on *Auscultation and Percussion*, are smaller and more special works, which will be found very serviceable. Another excellent text-book on Physical Diagnosis is that of Drs. Gibson and Russell, of Edinburgh. The well-known dictionaries of Quain and Fowler, with the older one of Reynolds, and the immense Cyclopædia in sixteen volumes (together with Index Vol. and Supplement), edited by Ziemssen (translation 1875-81), though not at all suitable as text-books, may be referred to on particular topics, and are accessible in the Library. The Professor's *Clinical Medicine* (1862) is out of print, but will be found in the Reading-Room, and may be used for occasional reference.

ANATOMY.

This Professorship, with which Botany was at first associated, was founded in 1718 by the Crown and College jointly. A separate Professorship of Botany was established in 1818, a distinct lectureship on that branch having existed for a considerable time previously.

Professors.

1720. Thomas Brisbane, M.D.
1742. Robert Hamilton, M.D.
1756. Joseph Black, M.D.
1757. Thos. Hamilton, M.D
1781. William Hamilton, M.D.
1790. James Jeffray, M.D.
1848. Allen Thomson, M.D., LL.D., F.R.S.
1877. John Cleland, M.D., LL.D., D.Sc., F.R.S.

Demonstrators:

Alex. Macphail, M.B., C.M.
John Morton, M.B., C.M.
Alfred A. Young, M.A., M.B., C.M.

In the Winter Session, Anatomical Instruction is conducted in the following courses, viz.:—

1. Elementary Descriptive Lectures.—This Class meets on five days weekly, from 1 to 2 o'clock. The lectures com-

prehend a full systematic description of the Bones, Joints, Muscles, and Muscular Organs, and a general view of the Nervous System, and Viscera.

2. ADVANCED DESCRIPTIVE LECTURES AND DEMONSTRATIONS. —This Class meets on six days weekly, from 11 to 12 o'clock, viz., on five days for lecture, and on Saturday for Microscopical Demonstrations. The course comprehends: 1st, Demonstrations of Regional or Topographical Anatomy, including the Distribution and Relations of the Blood-Vessels and Nerves; 2nd, Histology and a Detailed Description of the Viscera, Brain, and Organs of Sense.

3. PRACTICAL ANATOMY, or DISSECTIONS made by the students, under the superintendence of the Professor and Demonstrators. The rooms are open from 9 A.M. to 4.45 P.M. daily, except on Saturdays when they close at mid-day.

Text-Books—Quain's or Gray's *Anatomy;* Cleland's *Directory for Dissection.*

In the SUMMER SESSION, the rooms for Practical Anatomy are open from 8 A.M. to 3 P.M. daily.

NATURAL HISTORY.

This Professorship was founded by George III., in 1807. The Professor is appointed by the Crown. In 1876 Mrs. Honyman Gillespie of Torbanehill endowed a Lectureship in Geology, to be called the "Honyman Gillespie Lectureship," in memory of her husband, W. Honyman Gillespie, Esq. The Professor of Natural History is the present Lecturer.

Professors.

1807. Lockhart Muirhead, LL.D.
1829. William Couper, M.D. | 1857. Henry D. Rogers, LL.D.
1866. JOHN YOUNG, M.D.

Honyman Gillespie Lecturer—1876. JOHN YOUNG, M.D.

The arrangements for the ensuing year are as follows:—

1. A course of Lectures on Zoology, daily at 9 A.M., beginning in October.

2. A course of Lectures on Geology will begin in January; the detailed arrangements will be announced later on.

3. A course of Laboratory Demonstrations and Lectures for

senior students will be given in Summer. Laboratory hours 10 A.M. till 1 P.M.; lectures twice weekly at 12 noon.

Practical Instruction in Zoology will be given in the Zoological Laboratory during the summer and early part of the winter sessions by the Professor, with the assistance of Mr. James Rankin, B.Sc.

N.B.—*These arrangements are subject to alteration as may be required under future Ordinances of the Universities Commissioners.*

The Professional Examinations in October, 1895, will have special reference to the *Protozoa*, *Coelenterata*, and *Pisces*; those in April, 1896, to the *Platodes*, *Brachiopoda*, and *Amphibia*.

SURGERY.

This Professorship was founded in 1815, and is in the gift of the Crown.

Professors.

1815. John Burns, M.D.
1850. James A. Lawrie, M.D.
1860. Joseph Lister, M.B., F.R.S.
1869. Sir George H. B. Macleod, M.D., LL.D., F.R.S.E.
1892. William Macewen, M.D., LL.D., F.R.S.

The Professor delivers during winter a course extending to 100 meetings of the class, and consisting of systematic lectures, illustrated by diagrams, casts, and pathological preparations, and of frequent demonstrations, in many of which the electric projection microscope is used for demonstrating surgical pathological histology. There are three written examinations, with oral examinations at intervals. The following is a general outline of the course:—Anaesthesia; wounds and their varieties; haemorrhage and its arrest; inflammation, including the histological phenomena of destruction and repair; infective processes and diseases dependent upon Bacteria and their products; neoplasms; injuries, including fractures and dislocations; regional Surgery.

During summer Operative Surgery is conducted daily, and consists of descriptive instruction by the Professor in the principal operations, and the performance of recognized operations by the students under supervision.

In the course of Clinical Surgery which the Professor conducts both winter and summer at the Western Infirmary, as part of the regular Clinical Instruction given to University students, practical instruction is given in the methods of clinical observation, surgical diagnosis and treatment. The Professor also takes occasion, as far as the material is available, to draw the attention of the students to the points illustrative of the principles taught in the systematic course.

MIDWIFERY.

This Professorship was founded by George III. in 1815. The Professor is appointed by the Crown.

Professors.

1815. James Towers, M.D.
1820. John Towers, C.M.
1833. Robert Lee, M.D.
1834. William Cummin, M.D.
1840. John M. Pagan, M.D.
1868. William Leishman, M.D.
1894. Murdoch Cameron, M.D.

The Lectures embrace the Theory and Practice of Midwifery and the Diseases of Children. The Professor was Physician to the University Lying-in Hospital and Dispensary, an institution which was many years ago established in the neighbourhood of the old College. The altered circumstances of the school having, however, rendered this situation unavailable for Clinical instruction, other arrangements have now been made by which the Managers of the Western Infirmary have placed a ward for the Diseases of Women under the charge of the Professor. Ample opportunity is afforded for Clinical instruction in Midwifery at the Glasgow Maternity Hospital, to which the Professor holds the appointment of Obstetric Physician.

A course of lectures on the Diseases of Women is delivered in summer.

CHEMISTRY.

This Professorship was founded by George III. in 1817, previous to which time (from 1747) there were Lecturers on Chemistry appointed by the University. The Professor is appointed by the Crown.

Lecturers.

1747. William Cullen, M.D.
1756. Joseph Black, M.D.
1766. John Robison, LL.D.
1769. William Irvine, M.D.
1787. Thomas C. Hope, M.D.
1791. Robert Cleghorn, M.D.

Professors.

1818. Thomas Thomson, M.D.
1852. Thomas Anderson, M.D.
1874. JOHN FERGUSON, M.A., LL.D., F.S.A.

Assistants.

James Stanley Muir, B.Sc. | William R. Lang, B.Sc.

Lectures on Systematic Chemistry.

The Lectures of this course are delivered daily at 10 A.M. during the Winter Session. They commence with the discussion of the General Principles of Chemical Philosophy, the Non-Metallic and Metallic Elements and their compounds are then treated of, and the latter part of the Course is devoted to the subject of Organic Chemistry. Each year's course is complete in itself, but in alternate years different departments of the Science are treated *in extenso*, Inorganic Chemistry being discussed in full one year, and a shorter time given to Organic Chemistry, while next year the Inorganic department is curtailed, and the Organic more fully treated.

Tutorial Classes.—In addition to attendance at the lectures, the students are required to attend the Tutorial Classes, each of which meets twice a week. In these classes additional instruction, by means of oral examination and written exercises, is given.

Written examinations of the whole class are held at intervals during the session.

Higher Course.

To meet the requirements of Ordinance No. 12, Section IX. (4) (see p. 164), a higher course will be delivered as required. It will deal with the Rare Elements, Organic Chemistry, Theories of Chemistry, and the History of Chemistry.

Analytical Chemistry.

The Laboratory is open daily during the Winter and Summer Session from 10 A.M. to 4 P.M., for instruction in Chemical Analysis and the application of Chemistry to Medicine and the Industrial Arts. Each student works independently, and goes through a regular series of analytical experiments of gradually increasing difficulty, until he is capable of performing a complete analysis. The more advanced students engage in original investigation.

Practical Chemistry.

This Course, which is intended for Medical Students, is given during the Summer Session. It treats of the methods of testing the different bases and acids, the detection of poisons, and the preparation of the more important Pharmaceutical compounds.

Attendance on the course of Chemistry being required for the Certificate in Engineering Science, and for the degree of B.Sc., the attention of students is directed to the following points. It will be found of great advantage to attend the Laboratory course as well as the Lectures, and care should be taken to arrange the classes in such a manner as to leave an interval for study between the conclusion of the Chemical Classes and the Degree Examination.

The Senate have resolved that "Hereafter no candidate for a Certificate in Engineering Science shall be admitted to examination in the Department of Chemistry who has not attained to the value of 50 per cent. for his written exercises in the class."

For the "Malcolm Kerr," the "Metcalfe," the "George A. Clark" Bursaries, the "Breadalbane" Scholarships, the "Donaldson" Scholarships, and the "Mackay Smith" Scholarship, in connection with Chemistry, see under "Bursaries" and "Scholarships."

BOTANY.

This Professorship was founded in 1818. The appointment is vested in the Crown. (See page 137, as to Botanic Garden.)

Professors.

1818. Robert Graham, M.D.
1821. Sir W. J. Hooker, LL.D.
1841. John H. Balfour, M.D.
1845. G. A. Walker-Arnott, LL.D.
1868. Alexander Dickson, M.D.
1879. I. B. Balfour, M.D., D.Sc.
1885. FREDERICK O. BOWER, Sc.D.

Lectures are given at the College every Tuesday, Wednesday, Thursday, Friday, and Saturday, at 8 A.M., during the months of May, June, and July. On Saturdays, according as the season and the weather permit, either excursions are made for the study of plants in the field, or microscopic demonstrations are given in the Laboratory.

Demonstrations are given in the Botanic Garden or at the College during June and July.

The Botanical Laboratory at the College is open daily from 9 A.M. to 4 P.M. from the end of April to the middle of July. Classes for elementary practical work in the Botanical Laboratory are formed during these months at hours, so far as practicable, to suit the convenience of students.

A course of advanced Lectures, as well as a more extended course of Practical Instruction, designed for candidates for the Science Degree, or other more advanced students, will be given in the Laboratory during the winter session. Notice of times of meeting of these classes will be given in due course.

The University Herbarium may be consulted by students on applying to the Professor.

Students in the Botanical Class may obtain, by applying to the Professor, specimens of plants from the Botanic Garden for private study.

For particulars as to the "Dobbie Smith" Gold Medal, see under "Prizes."

MATERIA MEDICA.

A Lectureship on this branch was founded by the College in 1766, and a Professorship created by the Crown in 1831.

Lecturers.

1766. William Irvine, M.D.
1787. Thomas C. Hope, M.D.
1788. Richard Cleghorn, M.D.
1791. Richard Millar, M.D.

Professors.

1831. Richard Millar, M.D.
1834. John Couper, M.D.
1855. John A. Easton, M.D.
1865. John B. Cowan, M.D.
1880. MATTHEW CHARTERIS, M.D.

In the courses of instruction and in the scheme of professional examinations prescribed by Ordinance No. 14 the subjects included in the province of this chair are divided into the two branches of Materia Medica and Therapeutics. In the summer course of Practical Materia Medica, including Practical Pharmacy, which it is advisable to take before the winter course, attendance at twenty-five meetings of the class is required, and this is supplemented by demonstrations (twice weekly) of the most important substances in the British Pharmacopœia. Instruction is given in making up various official preparations, and in testing the purity of drugs. The earlier part of the winter course is devoted to Pharmacology or the physiological action of groups of healing agents, a syllabus of which is given to each member of the class. During the later part of the session the Professor, as far as possible, discusses their practical application in Therapeutics—the science and art of healing. Present circumstances prevent him from giving instruction in Practical Therapeutics, and consequently the attention of the student will be directed mainly to the treatment of those ailments in which bed-side instruction is not essential.

Text-books.—For the Summer Class, Mitchell Bruce's or Whitla's *Materia Medica ;* for the Winter Course, Charteris's *Practice of Medicine* (7th edition) ; Burney Yeo's *Manual of Medical Treatment* or *Clinical Therapeutics ;* Whitla's *Dictionary of Treatment.*

PHYSIOLOGY.

This Professorship was founded by Her Majesty, Queen Victoria, in the year 1839, under the name of Theory of Physic. It was subsequently known as Institutes of Medicine, and is now, in accordance with Ordinance No. 31 of date 5th June, 1893, designated Physiology.

Professors.

1839. Andrew Buchanan, M.D.
1876. JOHN GRAY M'KENDRICK, M.D., LL.D., F.R.S., F.R.S.E., F.R.C.P.E.

Muirhead Demonstrator and Senior Assistant.

William Snodgrass, M.A., M.B., C.M.

Second Assistant.

David Fraser Harris, B.Sc. (Lond.), M.B., C.M.

SYSTEMATIC LECTURES.

The Lectures of this course are delivered daily at 12 noon during the Winter Session. They are devoted to an exposition of the main principles and facts of the Physiology of man.

1. *General Physiology*, which includes a description of the functions of the various tissues, and of the chemical reactions which occur in the living body.

2. *Special Physiology*, or the functions of organs and systems of organs. This division of the subject includes (1) nutrition, (2) animal movements, (3) innervation, and (4) reproduction.

Examinations are held during the session.

PRACTICAL PHYSIOLOGY.

During the *Summer Session*, practical instruction is given in the Laboratory, by the Professor, the Muirhead Demonstrator, and Assistants, to classes of not more than thirty-five students in each class, at such hour or hours as may be found convenient. The hours usually selected are 8 to 9 a.m. and 12 noon to 1 p.m. daily (except Saturday). This course includes :—(1) Instruction in the use of the microscope, and in the microscopical examination of the various tissues with the aid of modern methods of hardening, staining, cutting, and mounting preparations. (2) The analysis of the principal fluids of the body, with special reference to the physiological processes by which they are produced. (3) The modes of observing and recording physiological phenomena. Students will be instructed in the use of physiological apparatus, and will have the opportunity of acquiring information which cannot readily be communicated in systematic lectures.

ADVANCED CLASS OF PRACTICAL PHYSIOLOGY.

A practical class has been instituted to meet the requirements of candidates for the degree of B.Sc. It will meet during the winter session at a suitable hour, on two or three days weekly, and the course will comprise fifty meetings. Students will be taught (*a*) the more advanced methods of Physiological Chemistry, (*b*) special methods in advanced Histology, and (*c*) the use of physiological apparatus, the experimental investigation of the properties of muscle and nerve, the physics of the circulation, and the physiology of the senses. This course is wholly practical, and is designed to supplement the instruction given in the ordinary class of Practical Physiology, and to lead the student into the higher departments of physiological science.

The Laboratory.

The Laboratory is open daily from 10 a.m. to 4 p.m., under the superintendence of the Professor, to whom application should be made by those who may wish to pursue original investigation. It is furnished with the most modern appliances both for research and for the illustration of lectures on Physiology.

Text-Books.

For the Systematic and Practical Classes—*Text-Book of Physiology*, 2 vols., by Dr. M'Kendrick.

As to the Muirhead Demonstratorship of Physiology see p. 111.

FORENSIC MEDICINE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. Pierce Adolphus Simpson, M.A. (Cantab.), M.D.

The lectures on Forensic Medicine are intended to elucidate the application of Medical Science to judicial proceedings, whether civil or criminal.

The first part of the course is occupied with Medical Evidence as bearing on personal injuries, including Poisoning. This is followed by lectures on Hygiene, on questions connected with the Sexual Functions, and on those relating to Bodily and Mental Soundness.

In addition to oral examinations, subjects are prescribed for written exercises; and in the department of Toxicology facilities are afforded for students desirous of becoming practically acquainted with the tests for poisonous substances, and the processes for separating these from organic mixtures.

Text-book. — Guy and Ferrier's *Principles of Forensic Medicine.*

N.B.—*The Lectures on Forensic Medicine are delivered daily during the Summer Session.* (*See under Faculty of Law*, *p.* 101.)

CLINICAL SURGERY.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. George Buchanan, M.A., M.D., LL.D.

The Professor teaches Clinical Surgery by "Lectures and other instruction" on the cases of patients affected with injuries, diseases, etc., requiring Surgical treatment. There is a Summer as well as a Winter Course.

CLINICAL MEDICINE.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. Thomas M'Call Anderson, M.D.

The class meets five days a week during the winter and summer sessions, and three or four written examinations are held. On Mondays and Fridays the Professor meets the whole class in the lecture-room. On the Monday three or four cases (such as may be studied beyond the immediate vicinity of the patient) are demonstrated; on the Friday a clinical lecture is given on cases in the wards, or upon some subject bearing upon the course. On Tuesdays the Professor meets the junior and on Thursdays the senior division of the class, when there is a demonstration of several cases in the wards. On Wednesdays he makes a ward visit with the clinical clerks. The two medical tutors meet the senior division of the class (in two subsections) on Tuesdays, and the junior on Wednesdays and Thursdays, when the students are brought individually into contact with the patients, are taught how to investigate their cases, and are instructed in the use of instruments, apparatus, etc. On Saturdays one of the tutors revises with the clinical clerks the cases which they have reported during the week.

PATHOLOGY.

This Chair was founded by Ordinance No. 29 of the Universities Commissioners (1889) of date 5th June, 1893. The patronage is vested in seven Curators, of whom four are nominated by the University Court and three by the Directors of the Western Infirmary. Before the Curators proceed to appoint a Professor, they must receive intimation from the University Court that an arrangement has been made with the Directors of the Infirmary to the satisfaction of the Court for affording due facilities in the Infirmary for the accommodation and teaching of the class of Pathology.

Professor.

1894. JOSEPH COATS, M.D.

Before the founding of the Chair, Pathology had been taught by Dr. Joseph Coats, who was appointed Lecturer in 1890, and who also held and still holds the office of Pathologist to the Western Infirmary. The class is conducted in the Infirmary, and material for practical instruction is thereby afforded.

Two courses are held, one of Pathology in winter, and one of Practical Pathology in summer.

The course of Pathology consists of systematic lectures and demonstrations. The lectures are devoted to an exposition of the fundamental facts and principles of Pathology. In the demonstrations the fresh material from the Infirmary is used as the basis for an exposition of the subjects illustrated by it. Microscopic demonstrations are held on Saturdays in connection with both the lectures and demonstrations.

The class of Practical Pathology meets during the summer session. The students are taken through a course of Pathological Histology and Bacteriology.

In the work of the classes two assistants take part. The Museum of the Western Infirmary is open to the students, and a printed catalogue is provided. The post-mortem examinations, which are conducted from 10 a.m. onwards, are also open to the students. Text-books.—*A Manual of Pathology* by Dr. Joseph Coats, and *Practical Pathology* by Dr. J. Lindsay Steven.

PHYSICS.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. MAGNUS MACLEAN, M.A., F.R.S.E.

The lectures of this course are delivered daily at 2 p.m. during the months of January, February, and March. The lectures embrace the fundamental principles of the Dynamics of Solids, Liquids, and Gases; and the Rudiments of the Experimental Sciences—Sound, Light, Heat, Magnetism and Electricity. A detailed programme of these subjects, and a note of the text-books used and recommended, will be given to each student at the beginning of the course.

Two written examinations are held during the session.

There is a tutorial hour on Saturdays at 9 a.m., in which additional instruction is given by oral examination and written exercises on the previous lectures.

For the Arnott Prize in General Physics, see Index.

INSANITY.

This Lectureship was instituted by the University in 1880. Great advantages are offered to students for the study of this subject, the Lecturer being Physician-Superintendent of the Royal Lunatic Asylum, Gartnavel.

Lecturer.

1880. David Yellowlees, M.D., LL.D.

A Course of Lectures is given in the University at 12 noon on Wednesdays during the summer session, and Clinical Instruction at the Asylum, Gartnavel, at 3 p.m. on Wednesdays and 10 a.m. on Saturdays.

For the Mackintosh Mental Science Bursary in connection with this class see "Bursaries."

EMBRYOLOGY.

This Lectureship was instituted by the University Court in 1894.

Lecturer.

1894. John Yule Mackay, M.D.

Dr. Mackay having resigned before the beginning of the second course of lectures and demonstrations, temporary arrangements were made for carrying on the work of the class during the summer session of 1895. The Class meets in the Anatomy Class-room at 11 a.m. on Mondays, Tuesdays, Thursdays, and Fridays.

DISEASES OF THE EYE.

This Lectureship was instituted by the University in 1828. Great advantages are offered to students for the study of this branch of practice by the Lecturer being one of the Surgeons of the Glasgow Eye Infirmary.

Lecturers.

1828. William M'Kenzie, M.D. | 1868. George Rainy, M.D.
1869. Thomas Reid, M.D.

Waltonian Medical Lectureship.

Founded in 1788 by Rev. Dr. William Walton, of Upton, in the County of Huntington, who bequeathed to the Senate for its support the sum of £1,000, which has been increased by subsequent accumulations to £2,650. It is at present held by Dr. Thomas Reid, who is also lecturer on Diseases of the Eye.

DISEASES OF THE EAR.

This Lectureship was instituted by the University Court in 1895.

Lecturer.

1895. Thomas Barr, M.D.

The course of instruction on Diseases of the Ear consists of (1) Twelve Lectures delivered in the University once a week during the session, to be illustrated by the exhibition of instruments, by methods of examination and treatment, diagrams and lantern views; (2) Twenty meetings for practical instruction held in the Western Infirmary or Glasgow Ear Hospital on days and at hours found to be most suitable. The affections of the ear will be then demonstrated and described in the presence of illustrative cases arranged for the purpose, while the students will have the opportunity of practising methods of examination and treatment under the supervision of the Lecturer. A printed synopsis of the course is given to each member of the class.

A written and a practical examination will be held during the session, and prizes will be awarded to the best students, as tested by these examinations.

DISEASES OF THE THROAT AND NOSE.

This Lectureship was instituted by the University Court in 1895.

Lecturer.

1895. James Walker Downie, M.B., F.F.P. and S.G.

The course of instruction in connection with this Lectureship was conducted in 1895 during the summer session.

The class meets at the University one day per week, and at the Department for Diseases of the Throat and Nose at the Western Infirmary two days per week.

At the former the methods of examining the throat and nose, and the apparatus necessary for this purpose, are described and explained : the appearance of the parts in health and as altered by disease are described, as are also the means of treatment, etc.

In these Lectures fuller instruction than can be given in the presence of the patient regarding pathological conditions seen at the Infirmary is given, and they are illustrated by casts, coloured and photographic diagrams, instruments, anatomical and pathological specimens.

At the Infirmary each student is afforded every opportunity of examining the patients for himself, and no effort is spared to make the work distinctly practical.

IV.—FACULTY OF LAW.

The Faculty of Law embraces the Chairs of Law and Conveyancing, and also the Chair of Forensic Medicine. In this Faculty there are also Lectureships on Civil or Roman Law, Constitutional Law and History, Jurisprudence, Public International Law, International Private Law, Mercantile Law, and Political Economy.

For the information of students proposing to enter the legal profession, whether as Advocates or as Law Agents, it may be stated that by the regulations of the Faculty of Advocates, every intrant to the Faculty is required to produce evidence of being duly qualified (1) in General Scholarship, and (2) in Law. In General Scholarship the possession of any one of certain University degrees, including the degree of M.A. or LL.B. from a Scottish University, is deemed a sufficient qualification. If the intrant does not hold a qualifying degree he is required to undergo an examination in certain specified branches of General Scholarship, as to which information may be obtained on application to the Clerk of Intrants to the Faculty. On the expiration of a year after the intrant has been found qualified in General Scholarship, his examination in Law may be proceeded with, subject to these conditions : (1) That he shall not during the year before such examination have engaged (except with the sanction of the Dean and his Council, upon special application before the year commences) in any trade, business, or profession, either on his own account, or as assistant to or in the employment of another; and (2) that he shall produce evidence of attendance on a certain course of study in Law. The attendance so required is as follows:—(1) attendance during at least one session as a pupil in a class of Scots Law, and a class of Conveyancing, in a Scottish University; (2) attendance during at least one session as a pupil in a class of (*a*) Civil Law, (*b*) Public or International Law, and (*c*) Constitutional Law in a Scottish University or in such other University as may be approved of by the Dean and his Council, and (*d*) Medical Jurisprudence, in a University, or in a School recognized as qualifying for University Degrees. On the production by the intrant of evidence of his having attended the necessary classes (which he may attend in any order he thinks fit), he is examined (1) on Civil Law, (2) on Private International Law, and (3) on Scots Law. If, however, the intrant has obtained the degree of LL.B. from a Scottish University he is held qualified in General Scholarship and Law without examination or other evidence of qualification, and may at once proceed to what is termed his "Public Examination," subject to the condition that during the year immediately before presenting his diploma he shall not have been engaged in any trade, business, or profession, as above set forth, except with the previous sanction of the Dean and his Council. The regulations regarding the "Public Examination," which all intrants, whether graduates or not, must undergo, require that the intrant shall write a Thesis on a Title of the Pandects assigned to him by the Dean, and shall defend it on its being impugned. The question as to the intrant's admission is then decided by the Faculty voting by ballot.

Admission to the profession of a Law Agent is regulated by the Law Agents Act, 1873, 36 and 37 Vict., c. 63, and by certain relative Acts of Sederunt of the Court of Session, including one dated 20th December, 1873, prescribing rules as to subjects of examination and certain conditions of admission. The Act requires in general that every applicant for admission must have served an apprenticeship of five years with a practising law-agent or with a sheriff-clerk in office at the passing of the Act, which apprenticeship, if entered upon after the passing of the Act, must be served under indenture, recorded and intimated as the Act requires. In certain cases, however, an apprenticeship for three years is allowed as sufficient, the excepted cases including that of a person holding a degree in Law or in Arts of a University in Great Britain or Ireland granted after examination. The above-mentioned Act of Sederunt provides that (save in certain special excepted cases) no one shall be admitted as an apprentice until he has passed an Entrance Examination by the Examiners appointed by the Court. It also prescribes the subjects of that examination as well as of the examinations in General Knowledge and in Law which (subject also to certain exceptions) every applicant for admission as a Law Agent is required to pass before the same Examiners. An apprentice or applicant for admission is exempted from any entrance examination or examination in General Knowledge, if (*inter alia*) he holds a degree of any University in Great Britain or Ireland granted after examination, or if he has attended in three separate sessions three separate classes in Arts in any Scottish University (one of such classes being Humanity), and has taken part in the examinations in such classes. Also apprentices and applicants for admission who hold Leaving Certificates granted by the Lords of the Committee of the Privy Council on Education to pupils of Higher Class Schools, are exempted from examination in the subjects which these Certificates cover, Certificates of any Grade being sufficient for the Entrance Examination, but Higher Grade Certificates being necessary for the General Knowledge Examination. By an Act of Sederunt of 20th July, 1878, it is declared not to be necessary for any applicant for admission who holds the degree of LL.B. or B.L. of any Scottish University tc undergo an examination in Law before the Examiners, excepting only on Forms of Process, Civil and Criminal. By an Act of Sederunt of 4th November, 1886, it is provided that, while it is not necessary for admission as a Law Agent that any applicant shall have attended the classes of Scots Law and Conveyancing in a Scottish University, it shall be in the power of the Examiners, in conducting the examination of any applicant, to take into account whether such applicant has or has not attended such classes.

Important changes on the regulations regarding admission to the profession of a Law Agent have been made by an Act of

Sederunt, dated 18th March, 1893, which comes into operation in terms of an Act of Sederunt of 19th December, 1893, on 1st January, 1895 (but by a subsequent Act of Sederunt of 29th January, 1895, is not to take effect in case of candidates whose indenture is dated on or before 18th March, 1893, until 1st March, 1896), by which the Act of Sederunt of 20th December, 1873, and all amending provisions in subsequent Acts of Sederunt are repealed except as to anything that has been done in pursuance thereof. This Act of Sederunt institutes two examinations in General Knowledge, instead of the present Entrance Examination and General Knowledge Examination, the first of which is to be taken before or within one year after the commencement of apprenticeship, and the second either immediately after the first examination or at any time within three years thereafter. The Act of Sederunt prescribes the subjects of these examinations and of the examination in Law. Lower or Higher Grade Leaving Certificates exempt from the first examination in General Knowledge, and Higher Grade Leaving Certificates from the second examination, Higher or Lower Certificates of the Oxford and Cambridge Schools Examination Board affording similar exemptions. Higher Standard Certificates in the Preliminary Examination for M.A. under Ordinance No. 11 exempt from both of these examinations. A candidate for admission as Law Agent is exempted from any examination in General Knowledge, if (*inter alia*) he hold a Degree of any University in the United Kingdom granted after examination, but there is no exemption from examination of a candidate who has attended three separate classes in Arts in separate sessions as under the previous Act of Sederunt. But by Act of Sederunt of 12th July, 1893, a candidate does not require to undergo examination in General Knowledge if he has been admitted as apprentice under indenture, and passed the entrance examination prescribed under the Act of 20th December, 1873, prior to 18th March, 1893, and has attended classes in Arts in terms of the Act of 20th December, 1873, and has completed attendance in such classes prior to 1st November, 1895. Further, by the Act of Sederunt of 18th March, 1893, a candidate who holds the degree of LL.B. or B.L. of any Scottish University is exempted from any examination in Law, excepting only on Forms of Process, Civil and Criminal. Candidates who have passed the Entrance Examination under the previous existing rules are exempt from the first examination under this Act of Sederunt, and candidates who have passed the General Knowledge Examination, prescribed by the Act of Sederunt of 20th December, 1873, before 1st January, 1894, are exempted from further examination in General Knowledge, and candidates who have passed the examination in Law under the said Act of Sederunt are exempt from further examination in Law.

For Regulations as to Graduation in Law, see Index.

LAW.

This Professorship is the gift of the Crown. After being long in abeyance for want of revenue, it was revived by the College in 1712, and endowed by Queen Anne in the following year.

Professors.

1714. Wm. Forbes, Advocate.
1746. Wm. Cross, Advocate.
1750. Hercules Lindsay, LL.D.
1761. John Millar, Advocate.
1801. R. Davidson, Advocate.
1842. Allan A. Maconochie, Advocate.
1855. Geo. Skene, Advocate.
1867. Robert Berry, M.A., LL.D., Advocate.
1887. ALEXANDER MOODY STUART, LL.D., Advocate.

SCOTS LAW.—The course extends to about 100 Lectures, embracing as full a course of Scots Law in each session as the time will permit, and including, so far as practicable, Lectures on the following subjects:—Sources and Development of the Law of Scotland; the Law of Contracts and Obligations generally, their Constitution and Extinction, Legality and Illegality; the Law of Sale; Stoppage *in transitu*; Retention and Lien; Loan; Deposit; Pledge; Hiring, and the Law of Master and Servant, Law of Carriers and Affreightment; Mandate; Partnership; Bills of Exchange; Cautionary Obligations; Marine, Fire, and Life Insurance; Law of Heritage; Servitudes; Prescription as applicable to Heritage; Law of Landlord and Tenant; Succession in Heritage and Moveables, Testate and Intestate; Marriage and Divorce, and the Rights of Husband and Wife; Law of Parent and Child; Guardian and Ward; Actions and Evidence; Diligence and Bankruptcy; Criminal Law, etc.

The text-books recommended to Students are Bell's *Principles* *of the Law of Scotland* and Erskine's *Principles of the Law of Scotland* (18th edition).

The Class meets five days a week—viz., every day except Monday, from 8 to 9 a.m. At intervals throughout the session the hour is devoted to the ordinary Class examinations, which are conducted in writing.

Three Prizes are given by the University for proficiency in the class examinations; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Conveyancing. Prizes are also given by the Faculty of Procurators, generally for distinction in a special written examination towards the end of the session.

CONVEYANCING.

This Chair was instituted by ordinance of the Universities Commissioners (1858), of date 15th June, 1861, which was approved by Her Majesty in Council on 11th October, 1861. The right of appointment to the Chair is vested in the Dean and Council of the Faculty of Procurators, Glasgow.

Professors.

1862. Anderson Kirkwood, LL.D.
1867. Sir James Roberton, LL.D.
1889. JAMES MOIR, Member of the Faculty of Procurators, Glasgow.

The course extends to about 100 Lectures, and during the session there are both oral and written examinations. As full a course of Conveyancing is given each session as the time permits. The subjects treated will be selected from the following list, viz.: (1) Introductory and Preliminary Lectures. (2) The Feudal and Burgage System, the constitution of Feudal and Burgage Rights, and the transmission thereof by Deeds *inter vivos*, or by Judicial Acts. (3) Heritable Securities. (4) Leases. (5) Marriage Contracts, Bonds of Provision, Testamentary Deeds and Deeds of Entail. (6) The completion of Titles, in case of death, to Heritable and Moveable Estate.

The Class meets every day, except Monday, from 8 to 9 a.m.

The text-book recommended is Professor A. M. Bell's *Lectures on Conveyancing.*

Prizes are given for eminence in the Class examinations during the session. Prizes are also given by the Faculty of Procurators for distinction in a written examination held towards the end of the session on some of the subjects of the course; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Scots Law.

FORENSIC MEDICINE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. PIERCE ADOLPHUS SIMPSON, M.A. (Cantab.), M.D.

This course qualifying for graduation in Law (B.L. and LL.B.) is delivered during the summer session. (Text-book—*Principles of Forensic Medicine* by Guy and Ferrier.)

(See under Faculty of Medicine, p. 90.)

CIVIL LAW.

The study of Civil Law in Glasgow is coeval with the establishment of the University. In the University Annals it is recorded that, in 1460, lectures on the Civil Law were delivered in the Chapter-House of the Friars' Predicators by Master William of Levenax (Lennox). After being for a considerable period in abeyance, the study of the subject was revived in 1712. In the middle of last century the lectures were for the first time delivered in English; up to that time the prelections were in Latin. For some years during this century the lectures were once more in abeyance, but in session 1873-74 a Class was again formed, and was taught in alternate sessions by the Professor of Law. In 1894 the University Court, carrying out a recommendation of the Universities Commissioners (1876), instituted a separate Lectureship in the subject.

Lecturer.

1895. J. M. IRVINE, LL.B.

The course extends to eighty lectures. The Class meets four days a week during the winter session, from 5.30 to 6.30 p.m. Attendance at the Class is required of all candidates for Degrees in Law (LL.B. and B.L.); it also qualifies for the Degree of M.A.

Text-book—*Institutes of Justinian*; Eds., Moyle or Sandars. Reference is also frequently made to *Institutes of Gaius*; Eds., Poste or Muirhead.

CONSTITUTIONAL LAW AND HISTORY.

This Lectureship was instituted by the University in 1878, and the Class was taught in alternate years during the summer session, the course extending to forty lectures. In 1894 the University Court, to meet the requirements of the Ordinances for Graduation in Law, placed the Lectureship upon a new footing. The course was extended to eighty lectures, and the Class was made a Winter Class, meeting every year. Attendance upon the whole course is required of all Candidates for the Degree of Bachelor of Laws (LL.B.). Attendance upon the first fifty lectures of the course qualifies for the Degree of M.A.,[1] subject to the conditions laid down in Ordinance No. 11, and for the Degree of B.L., subject to the conditions laid down in Ordinance No. 40.

Lecturer.

1894. William S. M'Kechnie, M.A., LL.B.

The course will be partly Historical and partly Analytical. The Historical Lectures will trace in outline the development of the Constitution from the Anglo-Saxon migrations to the present reign. The Analytical Lectures will treat (1) of the safeguards of the rights of individuals, and (2) of the separate parts of the Constitution and the distribution of power in the State.

The text-books recommended are those prescribed for the M.A., B.L., and LL.B. Degrees.

The hour for the meeting of the Class is 4.30 p.m.

GENERAL OR COMPARATIVE JURISPRUDENCE.

This Lectureship was instituted by the University in 1893, under the title Philosophy of Law. The subject was at an early date treated as an integral part of the course of Moral Philosophy, under the name of Natural Jurisprudence. From 1878 it was treated by the Lecturer on Public Law as introductory to that subject.

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[1] See second note on p. 147. After 1895-96 an Honours Course of fifty lectures will be given.

Lecturer.

1893. William Galbraith Miller, M.A., LL.B., Advocate.

The course extends to fifty lectures, and is given on Tuesdays and Fridays during the winter session. Alternate Wednesdays are devoted to examinations. The lectures discuss the relation of Law to other social phenomena, and of Jurisprudence to other branches of Philosophy. The various legal categories will be examined in detail. The same course under the name of Philosophy of Law may be reckoned as a half-course for the Degree of M.A.

The Class meets at 5.30 p.m.

Text-books—See subjects for Degrees in Law and in Arts.

THE LAW OF NATIONS, OR PUBLIC INTERNATIONAL LAW.

In 1878 the University instituted a Lectureship on Public Law. In 1894 the University Court, to meet the requirements of the Ordinances for Graduation in Law, created separate classes for Private International Law and Comparative Jurisprudence.

Lecturer.

1878. William Galbraith Miller, M.A., LL.B., Advocate.

The course extends to fifty lectures, and is given on Mondays and Thursdays during the winter session. Alternate Wednesdays are devoted to examinations. The lectures give a sketch of the history of International Law, and discuss the principal doctrines as well as the philosophical principles underlying them. The same course, under the name of Public Law, may be reckoned as a half-course for the Degree of M.A.

Students are expected to be acquainted with the elements of the Civil Law, and to have a general acquaintance with Modern European History. Text-book—Hall's *International Law.*

The Class meets at 5.30 p.m.

INTERNATIONAL PRIVATE LAW.

From 1878 this subject was treated as part of the course of Public Law. In 1894 the University Court, to meet the requirements of the Ordinances for Graduation in Law, instituted a Lectureship on International Private Law.

Lecturer.

1894. WILLIAM GALBRAITH MILLER, M.A., LL.B., Advocate.

This course extends to forty lectures, and is given in the summer session. The lectures discuss the principal doctrines as developed in the decisions of the British Courts contrasted with the results of Continental Jurisprudence. Students are expected to be familiar with the leading doctrines of the Civil Law and of Scots Law. The Class meets at 5.30 p.m.

Text-book—Guthrie's *Savigny's Private International Law.*

MERCANTILE LAW.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. JAMES MACKENZIE, Member of the Faculty of Procurators, Glasgow.

This course will extend to eighty lectures, and will be given for the first time in session 1895-96. Attendance on the whole course may, subject to the conditions laid down in Ordinance No. 39, be reckoned as qualifying for the Degree of LL.B.; and attendance on forty lectures, constituting a half-course, may, subject to the conditions laid down in Ordinance No. 40, be reckoned as qualifying for the Degree of B.L. The Class meets at 8 a.m.

POLITICAL ECONOMY.

(See under Faculty of Arts, p. 65.)

V.—FACULTY OF THEOLOGY.

The Faculty of Theology embraces the four classes of Divinity, Hebrew and Semitic Languages, Ecclesiastical History, and Divinity and Biblical Criticism.

The following regulations are applicable to students preparing for the ministry of the Church of Scotland. Under the Act of General Assembly, 1883, consolidating the Acts presently in force in regard to the study of Divinity, all candidates for the ministry are required to attend at the Divinity Hall either three full and regular sessions, or two full and regular sessions and three partial sessions; and to give at least two full sessions of regular attendance on the Classes of Church History, Hebrew, and Biblical Criticism.

Each student, in order to be enrolled *for the first year* of his attendance, must present to the Professor of Divinity, *first*, a certificate from the Presbytery within the bounds of which he usually resides, and by which he has been examined on his knowledge of the Holy Scriptures according to the authorized version, and of the Catechetical standards of the Church; and, *secondly*, a certificate signed by the Convener or Vice-Convener of one of the four Examining Committees appointed, under the Act of Assembly, 1872, to conduct the examination of students previous to their entering the Divinity Hall.[1] The examination includes the *New Testament in Greek* and the *Elements of Hebrew Grammar*.

The student, in order to his enrolment *for each subsequent session* of his course, is required to present to the Professor of Divinity a certificate from the Presbytery within whose bounds he chiefly resides, of his having been examined by them on the progress made by him in his studies, and of their satisfaction with the same, as well as a certificate of his good moral character from the minister of his parish, or, during a vacancy in the parish, from the moderator of the kirk-session.

At the close of each session every student is required to take with him to the Presbytery certificates from the several Professors, under whom he has studied, of his good conduct and proficiency.

By Act VII. of the General Assembly, 1894, it is enacted—that "Candidates for licence who have finished a regular course of study in Theology shall be examined as soon as it can conveniently be done after the close of the Divinity session by one or other of the Examining Committees constituted by Act IX.,

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[1] The conditions of admission to this examination are at present (April, 1895) regulated by the Overture and Interim Act of Assembly, 1894, X., [see Acts for 1894 or volume entitled "Reports of the Schemes" for 1894, pp. xiv.—xvii.], but are still under consideration by the Church Courts. The following are the subjects of examination for October, 1895:—Latin—Tacitus, *Agricola;* Virgil, *Aeneid*, Book VI. Greek—Plato, *Euthyphro. The Epistle to the Galatians*, with Introduction: Cambridge Greek Testament. Hebrew—The Grammar—to the Regular Verb, and Pronouns, including the Pronominal Suffixes. Genesis, Chapter I. Mathematics—Euclid, Books I., II., and III. Algebra to Quadratic Equations, inclusive. Natural Philosophy—Balfour Stewart, *Elementary Physics*. Chapters I., II., and VII. Logic—Jevons, *Elementary Lessons in Logic*. Moral Philosophy—Sidgwick, *Outlines of the History of Ethics*. Introduction. Chapters I. and IV. English Literature—Morley's *First Sketch*. Chapter VIII. ("From Elizabeth to the Commonwealth"). Milton's *Areopagitica*. Clarendon Press Series. The Examining Committees meet at the respective University seats shortly before the commencement of each session, the times and places of meeting being duly announced in the "Missionary Record" of the Church of Scotland for July annually, along with the names of the Conveners and Vice-Conveners of the respective Committees.

Assembly 1872. . . . The time and place of examination, with any other necessary information, shall be published in the October number of the 'Missionary Record.' The following shall be the heads of subjects of examination:—(i.) Apologetics, including Natural Theology; (ii.) Church History; (iii.) Old Testament Introduction and Exegesis; (iv.) New Testament Introduction and Exegesis; (v.) Christian Doctrine. . . . The special subjects of examination from year to year . . . as agreed upon by the several Committees, shall be intimated in the July number of the 'Missionary Record.' Students who have passed for the Degree of B.D., and who satisfy the Committee that they have done so, shall be exempted from examination in the subjects covered by the Degree of B.D."

Students are required to study the art of public reading and speaking under some competent teacher approved by the Faculty of Theology,[1] during at least one hour a week in each of two sessions, the attendance extending in every case over at least sixteen weeks of the session, and to produce, before being taken on trials, due evidence of such attendance.

Each student is required during his curriculum to deliver *six* discourses—viz., an EXEGESIS in Latin on some controverted head in Divinity, a HOMILY in English, a CRITICAL EXERCISE on some portion of the original text of the Old Testament, an EXERCISE and ADDITION on some portion of the original text of the New Testament, a LECTURE on some portion of Scripture, and a POPULAR SERMON, with such other exercises as the Professors may think fit to prescribe. No student can be taken on trials for licence by any Presbytery until he has produced, along with Class Certificates from the Professors of Church History, Hebrew, and Biblical Criticism, a Certificate from the Professor of Divinity that the discourses so prescribed have been sustained.

The Faculty of Theology have adopted the following regulations as to the delivery of these discourses:—(1) That the Homily shall be given in to the Professor of Church History at such time as he shall appoint in the *first* session of the student's course; (2) that the Latin Exegesis shall be given in to the

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[1] For the purposes of the Act of Assembly, and to qualify for the competition for the Dowanhill Prizes, the following teachers are recognized:—Mr. Thomas Harrower, 282 Bath Crescent; Mr. William S. Vallance, 291 Sauchiehall Street; Mr. John Forsyth, 20 Rupert Street; Mr. W. Ramsay Crawford, 5 University Avenue; Mr. R. M. Hardie, M.A., 244 Great Western Road; and Mr. David B. Johnstone, A.Mus., 16 Burnbank Terrace.

Professor of Divinity, and the Lecture to the Professor of Biblical Criticism, in the *second* year of the student's course, at such times as shall be appointed by these Professors respectively; and (3) that the Popular Sermon shall be given in to the Professor of Divinity, the Hebrew Critical Exercise to the Professor of Oriental Languages, and the Exercise and Addition to the Professor of Biblical Criticism, in the *third* session of the course, at such times as shall be appointed by the several Professors. The subjects of the Discourses will be prescribed by the Professors to whom they are severally to be given in.

DIVINITY.

This Professorship was founded in 1640, and the foundation ratified in Parliament. The Professor is appointed by the University Court.

Professors.

1640-50. David Dickson.
1642-61. Robert Baillie.
1653. John Young.
1669. Gilbert Burnet, D.D.
1674. David Liddell.
1682. Alexander Ross, D.D.
1688. James Wemyss, D.D.
1692. James Wodrow.
1708. John Simson.
1740. Michael Potter.
1744. William Leechman, D.D.
1761. Robert Trail, D.D.
1775. James Baillie, D.D.
1778. William Wight, D.D.
1782. Robert Findlay, D.D.
1814. Stevenson Macgill, D.D.
1840. Alexander Hill. D.D.
1862. John Caird, D.D.
1873. William Purdie Dickson, D.D., LL.D.
1895, —— ——.

The Course of Theology extends over three sessions. The Lectures during next session will treat partly of Biblical Theology, partly of the History of Doctrine, and of Apologetics. A portion of time will be devoted to instruction in Systematic Theology on the basis of a text-book. Essays and Discourses are prescribed to the students. In addition to the oral examinations on the Lectures, examinations in writing on the studies of the Class will be held at intervals during the session.

The Class will meet on five days of the week, in two divisions, the Senior at 11 A.M. and the Junior at 12 o'clock.

PASTORAL TRAINING.—By a recent arrangement six lectures on this subject will be given by a lecturer appointed by the General Assembly.

PAROCHIAL ECCLESIASTICAL LAW.—With the sanction of the Faculty of Theology and the approval of the Senate arrangements have been made for the delivery of a short course of lectures on this subject to the senior students of Divinity by Mr. William George Black, member of the Faculty of Procurators of Glasgow.

HEBREW AND SEMITIC LANGUAGES.

This Professorship was founded by Queen Anne, 1709, under the title Oriental Languages. It is now designated Hebrew and Semitic Languages, in accordance with Ordinance No. 31 of the Universities Commissioners (1889) of date 5th June, 1893. The Professor is appointed by the University Court, and is a member not only of the Faculty of Divinity but also, since 1893, of the Faculty of Arts.

Professors.

1709. Charles Morthland.
1745. Alexander Dunlop, M.A.
1751. William Rouet.
1753. George Muirhead.
1755. John Anderson, M.A.
1757. James Buchanan, M.A.
1761. Robert Trail, D.D.
1761. Patrick Cumin, LL.D.
1814. Gavin Gibb, D.D.
1831. William Fleming, D.D.
1839. George Grey, D.D.
1850. Duncan H. Weir, D.D.
1877. JAMES ROBERTSON, D.D.

By Ordinance No. 11 of the Universities Commissioners (1889) "Hebrew" and "Arabic or Syriac" are now included among the departments of study for graduation in Arts, and "Semitic Languages" among those for graduation with Honours.

The existing regulations of the Church of Scotland require all students of Divinity to give attendance on Hebrew for two sessions. The following are the arrangements for Session 1895-96:—

I.—*Junior Class* (*Hebrew*), five days in the week at 10 A.M. (1) Davidson's *Introductory Hebrew Grammar*, with the Exercises; (2) Readings from the easier books of Scripture.

II.—*Senior Class* (*Hebrew*), five days in the week at 9 A.M. (1) Readings in the Hebrew Scriptures; (2) Exercises in Unpointed Text and Translations from English; (3) Study of the Syntax and the Accents; (4) History of the Massoretic Text.

In each of these classes there will be daily oral examinations, weekly written exercises, and four written examinations during the session.

The Senior Hebrew is appointed as the qualifying class for graduation in Arts. Before attending the class for this purpose, students are required by the Ordinance No. 11, § IV., 3, to pass a preliminary examination in Hebrew "on a standard as nearly as possible equivalent to the higher standard of the languages included in the Preliminary Examination." Students presenting themselves for this examination will be expected to know as much as is implied in the work of the Junior Hebrew Class, and will be examined in grammar, and in translation both from Hebrew into English and from English into Hebrew.

III.—An elementary *Syriac Class* (to meet three days in the week), and an advanced *Arabic Class*, will also be formed, if students offer. The hours will be fixed as found most convenient at the commencement of the session.

IV.—Divinity students who may be attending, or shall have attended the Senior Class, will have an opportunity of attending Lectures on Old Testament Introduction and Exegesis at separate hours, of which notice will be given at the commencement of the session.

ECCLESIASTICAL HISTORY.

The Professorship of Ecclesiastical History was founded by George I., in the year 1716, but no appointment was made to the Chair till the year 1720. The Professor is appointed by the Crown.

Professors.

1721. William Anderson.
1752. William Rouet.
1762. William Wight, D.D.
1778. Hugh M‘Leod, D.D
1807[1]. William M‘Turk, D.D.
1841. Jas. Seaton Reid, D.D.
1851. Thos. T. Jackson, D.D.
1874. William Lee, D.D.
1886. ROBERT HERBERT STORY, D.D.

The course extends over two sessions, and embraces a series of lectures as well as oral and written examinations. The junior and senior classes meet at separate hours, the junior from 11 to 12 o'clock, the senior from 12 to 1 o'clock.

Both classes are open to non-professional students.

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[1] Dr. M‘Turk was assistant and successor to Dr. M‘Leod from 6th March, 1797.

DIVINITY AND BIBLICAL CRITICISM.

This Professorship was founded by ordinance of the Universities Commissioners (1858), of date 25th November, 1861. The Professor is appointed by the Crown.

Professors.

1863. William P. Dickson, D.D.
1873. WILLIAM STEWART, D.D.

This Class will meet on five days of the week, at 10 A.M.

The course of lectures is arranged to extend over two sessions; and the Class should accordingly be attended in two *consecutive* years.

The lectures for 1895-96 will treat of the principles of Textual Criticism, and of some portions of New Testament Introduction.

The practical application of the principles of Criticism and Hermeneutics will be illustrated in Exegetical Lectures, and by the reading of portions of the Greek New Testament.

Essays on subjects suggested by the work of the Class are prescribed at intervals during the session, and the progress of the students is further tested by examinations, partly oral and partly written.

Class of New Testament Greek.—This tutorial class is intended for those who are preparing to pass the examination on the *New Testament in Greek* previous to entering the Divinity Hall, and for those who, with a view to the Exit Examination at the close of the Divinity course, desire to extend their knowledge of New Testament Greek. It will be formed only if a sufficient number of students present themselves, and will meet on three days of the week, viz., Tuesday, Wednesday, and Thursday, at 9 A.M.

IV.—DEMONSTRATORSHIPS, ETC.

THE ARNOTT AND THOMSON DEMONSTRATORSHIP IN EXPERIMENTAL PHYSICS.

This Demonstratorship was founded in 1875 by the liberality of Sir William Thomson and Mrs. Arnott, widow of Dr. Neil Arnott, founder of the Arnott Prizes, who invested respectively

£2,000 and £1,000 for the purpose of encouraging the study of Experimental Physics in the University of Glasgow. The Demonstratorship is in connection with the Physical Laboratory of the University. The holder is appointed annually by the Professor of Natural Philosophy, subject to the approval of the University Court, and his duties are to perform, and direct in the performance of, experimental researches in the Physical Laboratory, in connection with, and under the direction of, the Professor of Natural Philosophy, to give practical laboratory courses suitable for Medical and Engineering students, and to take part in the teaching of the Natural Philosophy Class, if required by the Professor, and in such way and at such times as may be appointed by the Senatus Academicus of the University.

Demonstrator.

1875. JAMES THOMSON BOTTOMLEY, M.A., D.SC., F.R.S.

THE MUIRHEAD DEMONSTRATORSHIP OF PHYSIOLOGY.

In January, 1877, the late Dr. Henry Muirhead, of Longdales, Bothwell Parish, and afterwards of Cambuslang, presented to the University the sum of £2,100, and in November, 1879, a further sum of £400 to endow a Demonstratorship of Physiology in connection with the Chair of Institutes of Medicine—the main object being the promotion of medical science by the training of young men of suitable capacity to become teachers and investigators of Physiology. The regulations with reference to the appointment are as follows:—

1. That the title of the appointment be "The Muirhead Demonstrator of Physiology."

2. That the holder of the office shall act as an assistant to the Professor of Institutes of Medicine in teaching the classes of Systematic and Practical Physiology and in original investigation.

3. That he shall also be expected and encouraged to engage in independent scientific investigation under the direction of the Professor.

4. That he will not be entitled to conduct any class on his own account without the consent of the Professor.

5. That the incumbent will be expected to devote his entire time to the duties of the appointment.

6. That the appointment be made annually by the Senatus Academicus, with the consent of the University Court, on the recommendation of the Professor of the Institutes of Medicine, who shall furnish evidence to the Senatus of the suitability of the person recommended by him.

Present Demonstrator.

WILLIAM SNODGRASS, M.A., M.B., C.M.

THE WILLIAM BAXTER DEMONSTRATORSHIP IN GEOLOGY.

This Demonstratorship was founded by the Trust Disposition and Settlement of Mr. William Baxter, Hillhead, Glasgow, who died on 20th November, 1888, and bequeathed to the Senate the sum of £2,500, free of legacy duty, the annual income of which, less the cost of management, he directed should be paid half-yearly to the Demonstrator on the joint certificate of the Clerk of Senate and the teacher of Geology for the time being. The Senate are the patrons of the Demonstratorship.

The following Regulations, drawn in terms of the Founder's will, were adopted by the Senate on 28th February, 1889 :—

1. The Demonstratorship shall be held for three years, and shall be open to the candidate who in the three years intervening between each appointment shall have passed the Degree of B.Sc. with honours, or, in the event of several candidates obtaining honours, to the candidate whose aggregate marks for the whole subjects of the said degree are the highest; but in the event of no candidate attaining to honours, the Senate may, if they see fit, award the Demonstratorship to the candidate who shall stand highest in the list, provided his average of marks over all the said subjects is not less than 70 per cent., but any candidate who fails to obtain at least 70 per cent. of marks in the Department of Geology shall *eo ipso* be disqualified to hold the Demonstratorship.

2. The three years' tenure of office shall be subject to the condition that the incumbent discharges the duties of the office to the satisfaction of the Senate, who have power "to deprive any Demonstrator of his stipend, or a part thereof, should they

at any time become dissatisfied with his conduct or his ability to carry out the duties of his office, or with the character of his lectures, or for any other reason they may consider sufficient," the Demonstrator having the right of appeal to the University Court in the event of such deprivation.

3. The duties of the Demonstrator shall be :—

(1) To deliver two Courses of Lectures—twenty in the winter, twenty in the summer session—(*a*) on Mineralogy and Petralogy, or (*b*) on Palæontology, or (*c*) on Physical Geography. These Lectures to be accompanied by Demonstrations on specimens selected from the Hunterian collections with the consent of the Keeper.

(2) To give Field Demonstrations of Geology and Petralogy, under the direction of the Professor of Natural History (or of Geology when that Chair shall be founded).

(3) To carry on original work in any department of Geological Science which he may select, obtaining therein such assistance by specimens as the Keeper of the Museum shall find it in his power to give.

4. These Courses of Lectures may be attended (*a*) by matriculated students of Geology, free ; (*b*) by any matriculated student not a member of the class of Geology, on payment to the Demonstrator of a fee of £1 1s. for each course, or such higher fee as the University Court may fix ; (*c*) by any member of the Geological Society of Glasgow on payment of five shillings in lieu of matriculation fee for the winter or summer session, in addition to the authorized class fee.

5. In the event of no appointment being made, or of the Demonstrator resigning, retiring, or being deprived, the revenue accruing during the period of vacancy shall be added to the capital, and the annual income thereof to the stipend payable to the Demonstrators.

The first appointment was made in April, 1889 ; in the ordinary course an appointment should have been made in April, 1895, on the results of the examinations for B.Sc., held between May, 1892, and April, 1895, but there was no one eligible in terms of the regulations.

GIFFORD LECTURESHIP ON NATURAL THEOLOGY.

This Lectureship, as well as similar Lectureships in the other Scottish Universities, was founded in 1887 in accordance with the Trust Disposition and Settlement of the late Adam Gifford, sometime one of the Senators of the College of Justice, Scotland. Lord Gifford directed his Trustees to pay over to the Senatus Academicus of the University of Glasgow the sum of Twenty Thousand Pounds for the purpose of establishing a Lectureship or Popular Chair for promoting, advancing, and diffusing the study of Natural Theology, in the widest sense of that term—in other words, "the Knowledge of God, the Infinite, the All, the First and Only Cause, the One and the Sole Substance, the Sole Being, the Sole Reality, and the Sole Existence, the Knowledge of his Nature and Attributes, the Knowledge of the Relations which men and the whole universe bear to Him, the Knowledge of the Nature and Foundation of Ethics or Morals, and of all Obligations and Duties thence arising." The Senate are the Patrons. The Lecturer is appointed for a period of two years and no longer, but the same Lecturer may be reappointed for other two periods of two years each, provided that no one person shall hold the office of Lecturer in this University for more than six years in all. The Lecturer is subjected to no test of any kind, and he is not required to take any oath, or to emit or subscribe any declaration of belief, or to make any promise of any kind. The Founder expressed a wish that the subject should be treated as a strictly natural science, like astronomy or chemistry. Matriculated Students and others may attend the Lectures.

1888. Professor Max Müller.
1892. Principal Caird, D.D., LL.D.
1893. Professor William Wallace, M.A.
1895. Principal CAIRD, D.D., LL.D.

M'CALLUM CELTIC LECTURESHIP.

The late Rev. Archibald Kelly M'Callum, LL.D., by his holograph will, dated 8th March, 1881, to which were attached three codicils (the last dated 27th January, 1892), directed his Trustees, among other purposes, to devote an annual sum to a Lectureship, or a course of not fewer than fifteen Lectures, on Celtic Literature. He left detailed directions as to certain subjects which were to be among those discussed. The Lecturer will be appointed by the Senate for a period of three years, and will be eligible for re-election after a subsequent appointment for three years has been made. Matriculated students and others may attend the lectures. Dr. M'Callum also directed that his library should be handed over to the University as a nucleus for a Celtic Library for the use of the Lecturers and such students as may attend the Lectures, and any others interested in Celtic literature. The Library is to be kept separate and designated "The Celtic Lectureship Library," the sum of £10 to be annually paid by the Trustees towards making additions thereto.

V.—WOMEN'S DEPARTMENT.

QUEEN MARGARET COLLEGE.

In February, 1892, the Universities Commissioners issued an Ordinance (No. 18), empowering the Scottish University Courts to make provision within the Universities for the instruction of women, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. The Council of Queen Margaret College having considered the provisions of this Ordinance, came to the conclusion that the purpose for which the College had been instituted would be best served by making over their work to the University of Glasgow. They, accordingly, with the concurrence of Mrs. Elder, the proprietrix of the buildings and grounds hitherto occupied by the College, offered to transfer to the University Court these buildings and grounds, and the endowments (present and prospective), on condition that these should be devoted to the establishment and maintenance of University Classes for women exclusively. The University Court, after consultation with the Senate, having resolved to exercise the power conferred by Ordinance No. 18, and to provide University instruction for women mainly by the institution of separate classes, agreed to accept the offer made by Queen Margaret College, and remitted to a Committee to take the necessary steps for completing the transfer. In virtue of this arrangement the teachers in Queen Margaret College were appointed by the University Court, and the students in Session 1892-93 were admitted matriculated students of the University. In 1893 the College was dissolved, and the funds were handed over to the University Court, but the name "Queen Margaret College" survives as designating the part of the University buildings and grounds which is devoted to the education of women.

QUEEN MARGARET COLLEGE.

The Classes in Queen Margaret College will meet as follows, daily, unless otherwise specified :—

Winter Session, 1895-96.

I.—ARTS.

MONDAY, 21ST OCTOBER.

Classes.	*Hours.*	*Class Fees.*	
Latin, Class I.,	9.45 a.m.,	£3 3	PROF. RAMSAY, Mr. John Brown, and Mr. D. Rankin.
—— *Class II.,*	3 p.m.,	3 3	
Greek, Class I.,	8.45 a.m.,	3 3	PROF. MURRAY and Mr. G. Macdonald.
—— *Class II.,*	2 p.m.,	3 3	
English Language and Literature,	10 a.m.,	3 3	Mr. A. A. Jack, Lecturer.
French Language and Literature,	4.30 p.m.,	3 3	Mr. Alfred Mercier.
German Language and Literature,	11 a.m.,	3 3	Dr. A. Tille.
Logic and Metaphysics,	11 a.m.,	3 3	PROF. ADAMSON.
Moral Philosophy,		3 3	PROF. JONES.
Political Economy (Half Course),		2 2	Dr. Smart.
Education (at the University),	3.15 p.m.,	3 3	Dr. Ross.
History, ,, ,,	11 a.m.	3 3	PROF. LODGE.
—— *Honours,* ,, ,,	4.30 p.m., Mon., Wed., and Fri.,	3 3	
Mathematics, Class I.,	8.45 a.m.,	3 3	PROF. JACK and Mr. Lamont.
—— —— *Class II.,*	2 p.m.,	3 3	PROF. JACK and Mr. G. A. Gibson.
Natural Philosophy,	3 p.m.,	4 4	PROF. BLYTH.
Physical Laboratory,	Sat., 10 a.m. to 12 noon,		
Chemistry,	12 noon,	3 3	Mr. T. Gray.
Chemical Laboratory,	10 a.m. to 1 p.m.,	3 3	
Zoology (in Summer),			PROF. YOUNG and Mr. J. Rankin.
Botany (in Summer),			Mr. J. C. Willis.

II.—MEDICINE.

Tuesday, 22nd October.

Classes.	*Hours.*	*Class Fees.*		
Zoology (in Summer),				Prof. Young and Mr. J. Rankin.
Botany (in Summer),				Mr. J. C. Willis.
Chemistry,	12 noon,	3	3[1]	Mr. T. Gray, B.Sc.
Chemical Laboratory,	10 a.m. to 1 p.m.,	3	3	
Practical Chemistry,	10–12, Wed. and Thurs.,	3	3[1]	
Physics,	3 p.m., Mon., Wed., and Fri.,	3	3[1]	Prof. Blyth.
Physical Laboratory,	10–12, Saturdays,			
Anatomy, Junior,	10 a.m.,	3	3[1]	Dr. T. H. Bryce.
——— *Senior*,	3 p.m.,	3	3[1]	
Practical Anatomy,	9 a.m. to 4 p.m.,	3	3	
Physiology,	2 p.m.,	3	3[1]	Prof. M'Kendrick and Muirhead Demonstrator.
Materia Medica and Therapeutics,	12 noon,	3	3[1]	Dr. C. O. Hawthorne.[3]
Pathology, Systematic,	8 a.m.,	3	3[2]	Dr. Lindsay Steven.[3]
Surgery,	4 p.m.,	3	3[2]	Dr. W. J. Fleming.[3]
Clinical Surgery,	9 a.m. (see below),			
Practice of Medicine,	11 a.m.,	3	3[2]	Dr. J. Wallace Anderson.[3]
Clinical Medicine,	9 a.m., (see below),			
Midwifery,	12 noon,	3	3[2]	Prof. Cameron and Assistant.

Summer Session, 1896.

MEDICINE.

Classes.	*Hours.*	*Class Fees.*		
Botany,	11 a.m.,	£3	3[1]	Mr. J. C. Willis.
Botanical Laboratory,				
Zoology,	9 a.m.,	3	3[1]	Prof. Young and Mr. J. Rankin.
Practical Anatomy,	9 a.m. to 4 p.m.,	2	2	Dr. T. H. Bryce and Dr. Pringle.
Practical Pharmacy,	12 noon,	3	3[1]	Dr. C. O. Hawthorne.[3]
Practical Physiology,	2 p.m.,	3	3[1]	Prof. M'Kendrick and Muirhead Demonstrator.
Forensic Medicine,	12 noon,	3	3[1]	Prof. Simpson and Dr. Dalziel.
Practical Pathology,	9 a.m.,	3	3	Dr. Lindsay Steven.[3]
Insanity,	12 noon, University, and at Gartnavel, 2 days weekly	2	2	Dr. Yellowlees.[3]
Diseases of the Eye,		2	2	Dr. A. M. Ramsay.[3]

Hospitals.—Royal Infirmary—First Year, £10 10s.; Second Year, £10 10s.; 6 months, £6 6s.: 3 months, £4 4s. Royal Hospital for Sick Children—12 months, £1 1s. Glasgow Maternity Hospital—£2 2s.

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[1] Fee for a Second or subsequent Session, £2 2s.
[2] Fee for a Third or subsequent Session, £2 2s.
[3] Lecturers in 1894-5. The Lecturers for 1895-6 will be appointed in the summer of 1895.

CLASS ARRANGEMENTS.

The courses and arrangements for the classes in Arts and Medicine are similar to those of the classes for men, with the exception of English, French, German, and Natural Philosophy, the arrangements for which are as follows:—

ENGLISH LANGUAGE AND LITERATURE.

The work of the class will comprise the following subjects:— 1. The Elizabethan Drama, with special reference to Shakespeare. 2. English Composition. 3. The Outlines of English Philology. 4. (*a*) Chaucer's *Nun's Priest's Tale;* (*b*) Tennyson's *Idylls of the King.*

Subject 1 will be taken on Mondays, Fridays, and alternate Wednesdays at 10 A.M., and the class which meets on these days will be called the Literature Class. Subjects 2, 3, and 4 will be taken on Tuesdays, Thursdays, and alternate Wednesdays, at 10 A.M., and the class which meets on these days will be called the Language Class. Students who take English for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone, or (if they have attained the age of 18 years) the Literature Class alone. The age limit may be dispensed with on certain conditions. The fee for the Language Class or the Literature Class alone is £2 2s.

For further details as to the work of these classes, and as to the Honours Class, see pp. 62, 63.

FRENCH LANGUAGE AND LITERATURE.

The work of the classes will comprise the following subjects:—

A. *Literature.*—Mondays and Fridays, and alternate Wednesdays, at 4.30 P.M. I. Historical and critical study of the French Literature from the middle of the 17th century to the Revolution. II. Reading by the Lecturer or oral reports by the Students of some of the most important works alluded to in the lectures.

B. *Language.*—Tuesdays and Thursdays, and alternate Wednesdays, at 4.30 P.M. I. Elucidation of the text of Lafontaine's

Fables with regard to grammar, syntax, idioms, etymology, versification. II. Translation into French. III. Exercises in French pronunciation, reading aloud, study of the sounds of the French tongue. IV. Fortnightly exercises in French composition, which will be returned corrected and criticised, and also original essays in French.

Written examinations in connection with each branch of study.

Books to be consulted on each subject will be recommended at the opening of the classes.

Students who take French for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone or the Literature Class alone. The fee for the Language Class alone or the Literature Class alone is £2 2s.

GERMAN LANGUAGE AND LITERATURE.

The work of the class will comprise the following subjects:—

A. *Language.*—Fifty lectures in English. Higher New-High-German Accidence on an historical and comparative basis. Text-book: Brandt, A Grammar of the German Language, Boston, 1893. Special study will be devoted to Körner's *Zriny*; Jean Paul's *Titan*; Kleist's *Kaethchen von Heilbronn*; Grillparzer's *Ahnfrau*; Chamisso's *Peter Schlemihl*; Uhland's *Ballads*; Heine's *Harzreise*, *Lyrics*; Immermann's *Münchhausen*; Lenau's *Savonarola*; Freytag's *Journalisten*; Scheffel's *Trompeter*; Jordan's *Durchs Ohr.* Essays will be written every fortnight.

B. *Literature.*—Fifty lectures in German. An historical and critical study of the literature since Goethe's death, 1832–1895, including the Romantic School, the poets of the War of Liberation, the Swabian Poets, 'Young Germany,' Austrian Poetry, Prose Fiction, the Modern Drama, the Lyrics of the New German Empire. Text-book: W. Wackernagel, Geschichte der deutschen Literatur, Basel, 1894, Vol. II.

The lectures under A will be given on Tuesdays, Thursdays, and alternate Wednesdays, at 11 a.m., and the class which meets on these days will be called the Language Class. The lectures under B will be given on Mondays, Fridays, and alternate Wednesdays, at 11 a.m., and the class which meets on these days will be called the Literature Class. Students who take German for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone or the Literature Class alone. The fee for the Language Class or the Literature Class alone is £2 2s.

NATURAL PHILOSOPHY (PHYSICS).

This Class will meet daily at 3 p.m., except Saturdays; also, for practical work, on Saturdays, 10 to 12. The Course will include—

(1) Experimental Physics (Properties of Matter, Sound, Heat, Light, Magnetism, Static Electricity, Voltaic Electricity, Electro Magnetism), Mondays, Wednesdays, and Fridays. The lectures will be fully illustrated by experiment.

(2) Theoretical Mechanics (Elementary Kinematics, Elementary Dynamics), Tuesdays and Thursdays.

(3) Practical Physics, Saturdays, 10 to 12. The students will work practically in the Laboratory, and will be taught the construction and use of physical apparatus generally, and will also be required to employ the various instruments, so as to verify natural laws and obtain numerical results.

Students intending to take a Degree in Arts must take the whole course. The requirements of students preparing for Degrees in Medicine will be met by the first division of the course, and by attending three days weekly, viz., Mondays, Wednesdays, and Fridays.

VI.—SPECIAL STUDY AND RESEARCH.

In Ordinance No. 61,[1] issued on 4th February, 1895, the Universities Commissioners made the following regulations for the encouragement of special study and research, and for the appointment of Research Fellows:—

I. It shall be in the power of the Senatus Academicus in each University, with the approval of the University Court, to make regulations under which graduates of Scottish Universities or of other Universities recognized by the University Court for the purposes of this Ordinance, or other persons who have given satisfactory proof of general education and of fitness to engage in some special study or research, may be admitted to prosecute such study or research in the University.

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[1] This Ordinance comes into force when approved by Her Majesty in Council.

II. It shall be the duty of the Senatus Academicus in each University—(1) To receive and decide upon all applications for admission to prosecute special study or research; (2) To prepare a list of all persons so admitted (hereinafter referred to as Research Students); (3) To make regulations for the supervision of their work; (4) To satisfy themselves from time to time that the Research Students are carrying on their work in the University in a satisfactory manner; (5) To suspend or exclude from any course any student whose conduct or progress is unsatisfactory.

III. Every applicant for admission must send in to the Senatus Academicus a written application stating any degree or other distinction which he has already obtained, the line of study or research which he wishes to prosecute and the probable period of its duration, together with evidence as to his character, capacity, and general qualifications.

IV. Any application for admission shall be in the first instance referred by the Senatus Academicus to the appropriate Faculty, or to a Committee appointed by the Senatus; one member of the Committee shall always be a Professor or Lecturer within whose department the proposed line of study or research falls. No applicant shall be recommended by the Faculty or the Committee who has not satisfied them by examination or otherwise that he is qualified to prosecute the proposed line of study or research, and further—(*a*) That his proposed line of study or research is a fit and proper one; (*b*) That he possesses a good general education; (*c*) That he is of good character; (*d*) That he proposes to prosecute his studies or research during a period to be approved by the Senatus Academicus. The Faculty or the Committee shall make a report to the Senatus Academicus upon each application. It shall also be their duty, subject to the regulations of the Senatus Academicus, to provide for the supervision of the Research Student's work, and to report at least once a year to the Senatus as to his progress and conduct. The Senatus shall then determine whether he shall remain a Research Student.

V. Every Research Student shall be required to matriculate each year, paying the ordinary fee.

VI. Research Students shall have access to and the use of the University Laboratories and Museums, under such conditions as to payment and otherwise as the University Court, after consultation with the Senatus Academicus, may determine.

VII. The title of Research Fellow may be conferred by the Senatus Academicus, with the approval of the University Court, on Research Students who have shown special distinction. Such title shall not of itself confer any right to stipend, but it shall be in the power of the University Court to provide a stipend of such amount and for such period as it may think fit to any Research Fellow under the powers of Ordinance 25, Section XI., Sub-section 8.

VIII. (1) The Research Fellows shall be appointed as aforesaid after consideration of the report or reports submitted in terms of Section IV. hereof.

(2) The title of Research Fellow may be conferred either at the commencement of the Research Student's course of study or research, or at any time during its progress, as the Senatus Academicus may determine.

(3) Research Fellows shall retain their title and stipend, if any, for the period during which they are engaged in special study or research in the University, and no longer.

(4) Research Students who have been appointed Research Fellows shall continue to be subject to the conditions above prescribed as to the supervision of their work and the reports to be made thereon.

IX. Nothing herein contained shall prejudice the right of Research Students to such Fellowships, Scholarships, or Prizes as may be open to them by Ordinance or Deed of Foundation.

X. The University Court may, subject to the provisions of Ordinance No. 25, Section XI., Sub-section 8, provide such sums as it may think fit in aid of the expenses of Special Study or Research.

VII.—LIBRARIES, MUSEUM, BOTANIC GARDEN.

UNIVERSITY LIBRARY.

The University Library was founded in the fifteenth century. It contains an extensive and valuable collection of books. The Library is under the immediate superintendence of a Committee consisting of three members of the University or others, not being members of Senate, appointed by the University Court, and of six members of Senate appointed by the Senate. All reports by this Committee are, in the first instance, received by the Senate, and the Senate has power, subject to the review of the University Court, to confirm, modify, or reject the recommendations in such reports. The Librarian is appointed by the University Court.

The Library is always increasing by donations and by a grant of £707 per annum, formerly paid by the Treasury, as compensation for the loss of the Stationers' Hall privilege, and now received from the University Court.

During recent years the Library has acquired several valuable collections. Amongst these the most important are the following:—

The Collection bequeathed to the University by the late W. EUING, ESQ., amounting to about 15,000 volumes. It contains many books printed in the fifteenth and sixteenth centuries, illustrated books, English literature, Classics, above 2,000 Bibles, and a very large number of Psalm and Hymn books.

The Library of the late SIR WILLIAM HAMILTON, Professor of Logic in the University of Edinburgh, amounting to about 8,000 volumes. This Collection, which consists principally of Classics, editions of Aristotle, and treatises on Logic and Metaphysics, was purchased by private subscription and presented to the University. A list of the Subscribers was inserted in the Calendar for 1879-80.

The WALKER-ARNOTT Botanical Library of 970 volumes.

The Musical Library of the late THOMAS L. STILLIE, ESQ., numbering 760 volumes. It contains the works of the chief composers, many of them in score, and an extensive series of modern operatic compositions, continental and English.

The collection of books on Palestine, which belonged to the late Dr. A. B. M'Grigor, consisting of 655 volumes of works, illustrating the natural and civil history, topography, and antiquities of Jerusalem and the Holy Land. This collection was presented along with 83 volumes, containing about 1,000 pamphlets, by Alexander M'Grigor, Esq.

The library of the Rev. A. K. MacCallum, LL.D., containing over 3,000 volumes, bequeathed to the University—along with an annual sum of £10 to be spent on its increase—as the nucleus of a Celtic library.

The works on Mining belonging to the late Alex. Macdonald, Esq., M.P.; works on Engineering from the libraries of the late Professors Lewis Gordon and Macquorn Rankine; works on Oriental literature from the library of the late Professor Weir; a large collection of medical works, theses, and pamphlets, from the late Professor Allen Thomson; 800 volumes of general literature from the library of the late F. A. Eck, Esq.; over 1,000 volumes—selected from the library of the late James Hotson, merchant—presented by Dr. Thomas Reid; and numerous works of reference for the Reading Room from the late Dr. A. B. M'Grigor.

Wall or table cases were given by William S. Dixon, Esq. (1); William Euing, Esq. (1); Professor Rainy, M.D. (1); Professor Sir James Roberton, LL.D. (2); and Alex. Whitelaw, Esq., M.P. (2).

The regulations for the custody and management of the Library are contained in Ordinance No. 64, issued by the Universities Commissioners on 4th February, 1895. This Ordinance has not yet (April, 1895) been approved by Her Majesty in Council. It repeals Ordinances Nos. 68 and 89 of the Commissioners (1858), but provides that the regulations therein contained shall remain in force until new regulations have been framed by the Library Committee and approved by the University Court. The following are the principal existing regulations relative to the use of the Library by the various classes of readers:—

Each Member of the Senatus Academicus is entitled to have in his possession at one time twenty-five volumes, but not more.

Retired Principals and Professors are entitled to have in their possession at one time ten volumes, but not more.

Any Assistant to a Professor, or Examiner for Degrees, to whom the

Senatus Academicus shall think it expedient to grant the privileges of the Library, is entitled to have in his possession at one time ten volumes, but not more.

Each Member of the General Council is entitled, in each year in which he shall have paid a subscription to the Library of Ten Shillings and Sixpence, to have in his possession at one time four volumes, but not more. The annual subscription may be compounded for by a single payment of Five Guineas. In the case of a Member of the General Council, the year commences at 15th October.

Every person in each of the foregoing classes is entitled to retain each book for one month from the date of borrowing during the Winter Session, and for two months from the date of borrowing during Summer, and is further, after the expiration of such period, entitled to retain each book until the annual period of inspection, unless notice shall be received from the Librarian requiring the return of such book.

Every Matriculated Student enrolled in a Class is entitled, on lodging with the Librarian a deposit of One Pound, to have in his possession three volumes (in Summer, four volumes) at one time, and to retain any book for two weeks (in Summer, four weeks) from the date of borrowing; and further, to re-borrow any book for successive periods of two weeks (in Summer, four weeks), unless application for it shall, in the meantime, have been made by another person entitled to the use of the Library.

No reader is entitled to borrow books in more than one capacity, *e.g.*, as a Student and as a Member of the General Council.

If any book, by whomsoever borrowed, be not returned within three days after notice shall be sent by the Librarian requiring the return of such book, a penalty of One Shilling a volume is incurred, and a further penalty of Sixpence a volume for each day so long as the book is not returned, until the full amount of the fine shall exceed the sum for which the book can be replaced in the Library.

The Librarian is entitled to have in his possession at one time ten volumes, but not more; and any Assistant-Librarian, to whom the Senatus Academicus shall think it expedient to grant the privilege of the Library, shall be entitled to have in his possession at one time four volumes, but not more; provided always that all books borrowed by the Librarian or by any such Assistant-Librarian as aforesaid shall be duly and regularly entered in the ordinary Record of the Library as being borrowed, in the same manner as books borrowed by other persons.

The Senatus Academicus[1] may grant the use of the Library to such extent, and on such conditions as they shall think expedient, to persons for purposes of literary research, and that whether such persons shall be members of the University or not; provided always that no such privilege shall in any case be granted except by Minute of the Senatus specifying the grounds on which the grant is made, and the conditions which have been attached thereto, an extract of which Minute shall be forthwith transmitted to the University Court; provided also that all such persons shall pay a Subscription to the Library of Ten Shillings and Sixpence for the current year.

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[1] Ordinance No. 64, Section XIII., transfers this power to the Library Committee.

All grants of the use of the Library made by the Senatus Academicus, in pursuance of the preceding section, shall terminate at the annual period of inspection of the Library, but shall be renewable under like conditions, if again applied for on the expiration of that period.

Books belonging to the Library must not be privately transferred from one reader to another; and must not be lent to Graduates or Students who are not readers.

The Librarian is strictly forbidden to send books by a public conveyance, or do more than deliver books over the counter to a person properly authorized to receive them; and he is empowered, if he think fit, to decline to give out books to any one other than the reader applying in person.

The following classes of books are not given out except on an order signed by three members of Committee:—Manuscripts, Specimens of early typography, Works containing valuable engravings, Dictionaries and other works of reference (unless there is a duplicate in the Library), Maps of a larger size than 20 inches in height and breadth, loose Maps, unbound Music, Works with loose plates or loose letterpress, Rare Books, or Books in any way difficult to replace, Pamphlets, stitched Parts of large works, or Books not sufficiently protected by the binding.

A general inspection of the Library, and of the Record of the borrowing and returning of the books, takes place annually in April, beginning with the 7th and continuing for seven lawful days thereafter.

During the period of the annual inspection, the Library is closed, and all works whatsoever, and by whomsoever borrowed, must be returned to the Library before the commencement of such period, under a penalty of not less than One Shilling a volume; and in the event of any volume not being returned before the expiration of one week after the last day of the inspection, the fine is repeated weekly, until such volume is returned, or until a copy of the work of the same edition, and of equal value, shall at the expense of the borrower be placed in the Library in its stead.

So long as any person shall remain in possession of a book which he is not entitled to retain, or shall allow any fine incurred by him to remain unpaid, the right of such person to borrow or retain any books whatsoever, or to exercise any of the privileges of the Library, is suspended, and remains in abeyance.

Each person returning a book to the Library must see that the book is marked as returned opposite the corresponding entry in the Receipt Book. For every borrower is liable to replace any volume entered in the Receipt Book in his name and not so marked as returned.

The Librarian is instructed forthwith to report to the Library Committee all cases in which he shall find that books have been mutilated, disfigured by writing on the margin, or otherwise injured while in the possession of readers ; and persons guilty of such offences shall be liable to replace the injured books, and shall be fined or suspended from the privileges of the Library at the discretion of the Committee.

All readers borrowing books from the Library must obtain them from, and return them to, the Assistant-Librarians in the ante-room on the days and during the hours when the Library is open.

Persons other than students who wish to consult books in the Library will be accommodated in the First Bay of the Lower Hall. Each person must enter his name and address, and the title of the work or works which he desires to consult in a book kept for that purpose.

Visitors on giving their names will be conducted over the Library by an attendant. They are not permitted to enter the Reading-Room during the hours when it is open to students.

No person, except Members of Senate, shall otherwise be admitted to the interior of the Library without the special permission of the Curator or Librarian.

All persons, whether readers or visitors, are strictly prohibited from entering the Bays, or taking the books from their places on the shelves.

The Library is open for giving out and receiving back books every lawful day during the Winter Session, from 11 A.M. till 2.30 P.M., except the Christmas and other Holidays specially appointed by the University, when it remains closed, and on Saturdays, when it is open from 11 A.M. till 1 P.M. During the Summer it is open on Mondays, Wednesdays, and Fridays, from 11.30 A.M. till 2 P.M.

CATALOGUES.

An Author and Subject Index containing the chief books likely to be interesting or useful to Students, and forming a fairly complete guide to the accessions in English of the twenty years preceding 1887, may be purchased by readers in the Library at the price of One Shilling.

Students and Graduates who are engaged in special research will, on application to the Librarian, have access to the Classified Catalogues, which include also the older literature and works in foreign languages. These Catalogues have been arranged by Professor Dickson, Curator of the Library, and the expenses incurred by him in connection with their preparation have been defrayed by the late Dr. A. B. M'Grigor.

READING-ROOM.

In connection with the Library, a Reading-Room, provided with a special collection of books of reference for the use of

Matriculated Students, is open for readers, Saturdays and holidays excepted, during the Winter Session from 9 A.M. till 4.30 P.M., and during the Summer Session from 9 A.M. till 2 P.M.

The Room is primarily intended for readers consulting the books of the Special Collection; but so far as the accommodation will allow, students may make use of it for individual private study. The following are the principal rules applicable to the Room:—

Every Matriculated Student, who shall at the beginning of the Session or thereafter record (in a book kept by the Librarian) his desire to use the Reading-Room in accordance with the rules for consulting of books or private study, will receive a voucher entitling him to admission. No student will be admitted to the use of the Room without producing his voucher.

Every such student shall on entering apply for a tally entitling him to a seat, shall use it only for the table indicated thereon, and shall personally return it to the Assistant in charge. All readers are required to take at once the seats assigned to them, to abstain from talking, whispering, or any other form of distracting or disturbing others, and to enter and leave the room (and vestibule) with as little noise as possible. Readers shall exhibit their tallies when asked; and shall at once give their names and matriculation numbers, if they shall be requested to do so.

Each student, desirous of borrowing books from the Special Collection in the Vestibule, is required to fill up one of the receipt papers with his name, matriculation number, and the title of the book or books wanted, and to present it to the Assistant-Librarian in charge. Students are not permitted to have the use of more than two volumes at one time. The books received are to be used only in the Reading-Room, and are to be returned by the receiver himself into the hands of the Assistant-Librarian. The return of books by those who have to leave the room at the end of any hour is to be made not later than five minutes before that time, and during that interval no books will be given out.

Books of reference not included in the Special Collection, but contained in the General Library, may be obtained for consultation in the Reading-Room on presenting a paper with the name and matriculation number of the reader making the request, and the title of the book wanted, to the Assistant-Librarian in the Vestibule.

The Assistant-Librarian in charge is instructed to report at once to the Library Committee the name of any student transgressing the rules.

N.B.—The south corridors have been enclosed and provided with benches for the use of *other* students in the intervals of their classes.

Donations to the University Library.

List of Donations from 1st March, 1894, to 28th February, 1895 :—

Académie des Sciences de Cracovie.—Bulletin international. 1894.

Accademia dei Lincei, Roma.—Atti. Serie 5^{a}. Memorie. Classe di scienze morali. I. 1, II. 1. 1893-94. Rendiconti. Classe di scienze fisiche. III. 1894. Classe di scienze morali. III. 1894.

Accademia delle Scienze fisiche e matematiche di Napoli.—Rendiconti. Serie 2^{a} VIII. 1894. Atti. Serie 2^{a}. VI. 1894.

Accademia Pontaniana.—Atti. XXIV. 1894.—Annuario pel 1894.

The Admiralty.—Reports of the health of the navy for 1892, 1893.—Report of Astronomer of the Cape of Good Hope, 1879-89. Greenwich observations, 1891.—Greenwich spectroscopic results, 1891.—Greenwich catalogue of 258 fundamental stars for 1890.—Cape heliometer observations, 1881-83.

Asiatic Society of Bengal.—Bibliotheca Indica. New Series. Nos. 834-849.

Australasian Association for the Advancement of Science.—Report of the fifth meeting. 1894.

Australian Museum, Sydney.—Report of Trustees for 1893.

Baird Trustees.—The Baird lecture, 1892-93.

Berwickshire Naturalists' Club.—Proceedings. XIV. 1.

Biblioteca Nazionale Centrale di Firenze.—Bollettino delle pubblicazioni Italiane. 194-217.

Calendars have been received from the following institutions :—Aberdeen University; Auckland University; Belfast Queen's College; Bombay University; Bradford Technical College; Calcutta University; Canterbury College, New Zealand; Coimbra University; College of New Jersey, Princeton; College of Preceptors, London; Cornell University; Dalhousie University, Halifax; Durham College of Science; Durham University; Edinburgh University; Edinburgh School of Medicine; Glasgow and West of Scotland Technical College; Heriot-Watt College; Imperial University, Tokyo; Johns Hopkins University; M'Gill University, Montreal; Mason Science College, Birmingham; Massachusetts Institute of Technology; Melbourne University; New Zealand University; Otago University; Owen's College, Manchester; Padua University; Pennsylvania University; Pharmaceutical Society; Presbyterian College, Halifax; Queen's University, Kingston; Royal College of Surgeons of England; Royal Institute of British Architects; Royal University of Ireland; St. Petersburg University; Sydney University; Technische Hochschule zu Aachen; Toronto University; Trinity College, London; Turin University; Union of Graduates in Music; University College, Bristol; University College, Dundee; University College, Liverpool; University College, London; University College, Nottingham; University College of North Wales; Utrecht University; Vermont University; Victoria University, Canada; Victoria University, Manchester; Vienna University; Yale University; Yorkshire College, Leeds.

Cambridge Philosophical Society.—Transactions. XV. 4.—Proceedings. VIII. 3.

Canadian Institute.—Essays on the rectification of Parliament, 1893.—Transactions. No. 7.—Annual report. 1893-94.

Chemical Society.—Journal. Nos. 377-388.—Abstract of proceedings. Nos. 134-148.

Cincinnati Chamber of Commerce.—Forty-fifth annual report. 1894.

Clinical Society of London.—Transactions. XXVII. 1894.

Cornell University.—Catalogue of the Rhaeto-Romanic collection in Library. 1894.—Proceedings and addresses at the 25th anniversary. 1893.—Catalogue of the President White Library. II.—Library bulletin. Nos. 35, 36.

Department of Science and Art.—Prospectus of College of Science, 1894-95.—Bookbindings and rubbings of bindings. II. Catalogue.—Forty-first report.—Directory, 1894.—Art examination papers, 1894.—Examination papers for science schools, 1894.—Prospectus of the National Art Training School, 1894.—Drawing and manual instruction in elementary schools in 1892-93.—Catalogue of machinery, models, etc. Part I.—Prospectus of Sir Joseph Whitworth scholarships. 1894.—Returns showing the expenditure from the Residue Grant on science, art, etc. 1892-94.—Demonstrations in astronomical physics. 1894.—Calendar, 1895.

Fishery Board for Scotland.—12th annual report.

General Assembly of the Church of Scotland.—Report on the schemes of the Church of Scotland. 1894.

Geological and Natural History Survey of Minnesota.—2nd annual report. 2nd edition.—21st annual report, 1892.—Bulletin No. 10.

Geological Survey of India.—Oldham, A manual of the geology of India. 1893.—Records. XXVII.—Memoirs. Palaeontologia Indica. Ser. IX. Vol. II.

Glasgow Archaeological Society.—Transactions. N.S. II. 3.

Government Observatory, Bombay.—Magnetical and meteorological observations. 1893.

Government of Netherlands India.—Magnetical and meteorological observations at Batavia. XV.—Rainfall in the East Indian Archipelago, 1892.

Harvard University.—Annual reports, 1892-93.—University bulletin. Nos. 57, 58.

Hibbert Trustees.—The Hibbert lectures. 1894.

Imperial University, Tokyo.—Journal of the College of Science. VI. 4; VII. 1; VIII. 1, 2, 3.

Institute of Brewing.—Transactions. VII. 5-8.

Institution of Civil Engineers.—Minutes of proceedings. CXV.-CXVIII. 1893-94.

Institution of Engineers and Shipbuilders.—Transactions. XXXVII. 1893-94.

Institution of Naval Architects. Transactions. XXXV. 1894.

James Paton, F.L.S.—Reports of Kelvingrove Museum and Corporation Galleries of Art. 1893 and 1894.

James Murray's Asylum, Perth.—Sixty-seventh annual report.—Excelsior: quarterly magazine, 1894.

Johns Hopkins University.—Bassett, Constitutional beginnings of North Carolina: and 13 other dissertations.—University circulars. Nos. 109-116.

Johns Hopkins Hospital.—Bulletin. Nos. 38-46.

Lloyds' Register of Shipping.—Register from 1st July, 1894, to 30th June, 1895.—Rules and regulations, 1894-95.

Local Government Board.—Report of the Medical Officer for 1892-93.

Lords of H.M. Treasury.—The Border papers. I. 1894.—Register of the Privy Council of Scotland. XI. 1894.—Registrum magni sigilli regum Scotorum, 1620-33.—Journals of the House of Lords. 125.—Journals of the House of Commons. 148.—Acts of Parliament: Public, Local, Private. 1894.

Manchester Literary and Philosophical Society.—Memoirs and proceedings. VIII. 2, 3, 4; IX. 1.

Medical Faculty of the State of Maryland.—Transactions. 1894.

Mineralogical Society.—Mineralogical magazine. No. 48.

Periodicals per Professor Dickson, D.D.—Academy. Nos. 1091-1182.—Church quarterly review. Nos. 70-77. Critical review. III., IV.—Nineteenth century. Nos. 193-204, 206-214.—The thinker. III.-VI.

Pharmaceutical Society.—Journal. 1894.

Physical Society of London.—Proceedings. XII. 4; XIII. 1. 2.

Physical Society of Edinburgh.—Proceedings. Sessions 1892-93; 1893-94.

Professor Biles.—The design of mail steamers. 1894.

Professor Bower, Sc.D.—Botanische Jahrbücher. I.-X. in 5 vols. 1881-89.

Professor Dickson, D.D.—Palestine Exploration Fund. Quarterly Statements. 1894.—The library. 1894. Grau, The goal of the human race. 1892. Carnegie, Reunion of Britain and America. 1893.—Theodoreti interpretatio quatuordecim Epistolarum Pauli. 1771. General Assembly papers. 1874. 2 vols.—Thompson, Liturgies in the Christian Church. 1888.—Spencer, Rejoinder to Professor Weismann. 1893: and 6 other pamphlets.—Cumming, The Church of Scotland. 1871.—Prospectus of Glasgow Association for the education of women, 1879-80.—Bonar, A catalogue of the library of Adam Smith. 1894.

Professor Ferguson, LL.D.—Bibliographical notes on histories of inventions and books of secrets. First supplement.—On the first edition of the chemical writings of Democritus and Synesius. Part IV. with Postscript.—Archaeology as a subject of study. 1893.—Address to the Archaeological Society of Glasgow. 1894.—Some early treatises on technological chemistry. Supplement. 1894.—Recent contributions to the literature of gold-making. 1894.

Professor Jack, LL.D.—Proceedings of the London Mathematical Society. Nos. 475-499.

Professor Macewen, M.D.—Les effets des nouvelles armes à feu portatives. Atlas. 1894.—Annals of Surgery. 1894.

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DIVINITY HALL LIBRARY.

This Library is set apart for the special use of students in Divinity. It contains an extensive collection of Theological works. It is supported chiefly by an annual grant from the University Court of Seven Shillings for each student attending the Divinity classes.

The Librarian is elected annually by the students attending the Hall.

HUNTERIAN MUSEUM.

This Museum was founded by the eminent William Hunter, M.D., who was born in 1718, at Cantieswell or at Long Calderwood, in the Parish of East Kilbride, Lanarkshire. By his will, dated 1783, he bequeathed to the Principal and Professors of the College, and their successors in office, his valuable collection of books, manuscripts, coins, paintings, anatomical preparations, zoological and mineral specimens, and archaeological relics, and appropriated £8,000 for the erection of a building for their reception and preservation.

The building erected in 1804 became the property of the Union Railway Company, as explained at page 28. But accommodation has been provided for the collections in the new buildings at Gilmorehill. The Museum occupies the north side of the eastern quadrangle, and consists of two halls, the upper of which is galleried.

The Hunterian Museum is under the immediate superintendence of the Museums Committee, consisting of two members of the University or others, not being members of Senate, appointed by the University Court, and of four members of Senate, appointed by the Senate. All reports by this Committee are, in the first instance, received by the Senate, and the Senate has power, subject to the review of the University Court, to confirm, modify, or reject the recommendations in such reports. The Keeper of the Museum, by present custom the Professor of Natural History, is appointed by the Trustees, who, in terms of Dr. Hunter's will, are the Principal and Professors of the College. Keeper—Professor John Young, M.D.; Under-Keeper, John Young, LL.D.; Assistant-Librarian, Alexander Murdoch; Under-Keeper in Pathological Department, J. H. Teacher, M.B., C.M.

Visitors desirous of consulting in the Museum should, if possible, arrange to come between 2 and 4 P.M. Numismatists desirous of consulting the cabinet of medals should communicate with the Keeper a few days before the date of their proposed visit.

The Museum is now open to the public from 11 to 3 in winter, 11 to 4 in summer; admission sixpence. Catalogues of the Library, Medals, and Minerals are in course of preparation.

The revenue derived from the admission fee has been hitherto the only fund available for the maintenance and extension of the collection. Donors of specimens are entitled to free admission. Each matriculated student has the privilege of introducing two friends three times during the session.

Donations to Museum 1894-95.

The following donors have contributed to the Museum during the past year :—

Zoological Department.—Rev. J. E. Somerville, B.D.; Misses Somerville; Thomas Ward, Esq., Partick; Mrs. N. A. Knox, Ballina; Prof. Young.

Geological Department.—Mr. P. H. Robertson, Newton Terrace; W. Carrick Anderson, M.A., B.Sc.; Mr. W. Horn, Partick; Mr. John Inglis, Pointhouse; Mr. A. Skirving, Langside; Dr. J. E. Talmage, Salt Lake City; Mr. James Neilson; Mr. John Smith, Kilwinning; Mrs. Younger, Crosshill; Mr. D. Ferguson, M.E.; Mr. G. Hutchison, C.E.; Mr. W. Robertson, Park Street.

Ethnological Department.—Commander Andrew Balfour, R.N.

Dr. James Whitson, Somerset Place, presented a portrait of his grand-uncle, Prof. Freer, M.D.; Mrs. Veitch presented the Tassie medallion of Dr. Thomas Reid, lent by her husband to "Old Glasgow"; Archbishop Eyre gave a small collection of coins, medals, and impressions of seals; D. Fraser Harris, B.Sc., tokens; Dr. D. Murray, part of find of Roman coins at Kirkintilloch; Mr. James Carter, F.R.C.S., gave a collection of Mesozoic fossils, chiefly from the Cambridge district—a valuable addition to the teaching collection.

The most important addition during recent years has been the collection of the late F. A. Eck, Esq., formerly of Hollybush. During a long residence in South America, and afterwards while resident in Britain, Mr. Eck formed a splendid collection of minerals, numbering in all over 3,000 specimens. The minerals of Peru, Chili, Guatemala, New Grenada, Mexico, and California, are richly illustrated, while the European series of over 1,200 specimens is also representative. There are besides a fine series of polished precious stones, and also specimens of the old Mexican and Peruvian Pottery, and of modern carved work. This splendid gift—along with the handsome cabinets in which the specimens are contained—the largest since Miss Brown, of Lanfine, presented in 1875 one half of her late father's mineral collection, is due to the generosity of Mr. Eck's family, who have enjoined that the collection be kept apart and used, so far as possible, to aid the teaching of mineralogy. In February 1888, the Council of the West of Scotland Technical College made over to the Hunterian Museum the Zoological and Ethnological collection of the Andersonian University, later known as Anderson's College, and now merged in the Technical College, the Council requiring the space for illustrations of the lectures given under their direction. The collections, which are of very great value and extent, were largely due to the generosity of the naturalists and merchants of Glasgow, to whom the Hunterian Museum is also under great obligations.

BOTANIC GARDEN.

A piece of ground adjoining the old College was for many years set apart as a Botanic Garden, for the use of the Lecturer on Botany; but the great increase of manufactories and other buildings in its vicinity having rendered it unfit for such a purpose, the University, in 1817, agreed to subscribe £2,000 towards the formation of a new Botanic Garden then projected by the citizens of Glasgow, on condition that a Lecture-Room should be erected within it for the exclusive use of the Professor of Botany and his pupils—that every facility should be given them in prosecuting the study of Botany—and that three Directors of the Institution should be annually appointed by the Faculty of the College, to represent and protect the interests of the University. The Garden to which this agreement referred was completed and opened to the public in 1819. A Lecture-Room, in which the Professor of Botany delivered an annual course of lectures during the summer months, was built; and the collection of plants, from the zeal and ability of the Superintendent, and the favourable situation of Glasgow, had become one of the richest and most valuable in the island. The extension of the town again compelled the removal of the Garden to its present site in Hillhead, at a greater distance from the old College, so that the Professor, while he continued to give in it the practical portions of the course (*Demonstrations*), found it more convenient to deliver his Lectures at the College. The removal of the College to Gilmorehill brought it nearer the Botanic Garden, but the Lecture-Room in the Garden being inadequate for the students attending the course of Elementary Lectures on Botany, and there being no Laboratory, Museum, or Herbarium Room in the Garden, the Professor has continued to deliver his Lectures and to have his Laboratory at the College.

VIII.—GRADUATION IN THE SEVERAL FACULTIES.

EXAMINERS.

Preliminary Examinations in Arts, Science, and Medicine.

The University Court of each University annually appoints as Examiners such number of Professors or Lecturers in the Faculty of Arts in that University, and such additional Examiners as may be deemed necessary. The preliminary Examinations in Arts, Science, and Medicine are conducted by these Examiners, under the control and supervision of a Joint-Board appointed in January of each year by the several University Courts from among the Examiners, according to a scheme of rotation prescribed in Ordinance No. 13, section IV., as supplemented by Ordinance No. 43, section I. The Joint-Board holds office from the first day of February to the thirty-first day of January in the succeeding year, and sits at each University in rotation in the following order:—Edinburgh (1893-4), Glasgow (1894-5), Aberdeen (1895-6), St. Andrews (1896-7). It consists of eight Professors or Lecturers and eight additional Examiners, two Professors or Lecturers and two additional Examiners being appointed by the University Court of each University, according to the scheme printed on p. 139. In the case of a candidate at a Preliminary Examination who is permitted to offer himself for examination in any language not included in the Preliminary Examination, each University makes special arrangements for the examination of its own candidates.

Degrees in Arts.

The Examiners for Degrees in Arts are the Professors whose subjects qualify for Graduation in Arts, together with such Lecturers

University.	1893, and every Fourth Year thereafter.	1894, and every Fourth Year thereafter.	1895, and every Fourth Year thereafter.	1896, and every Fourth Year thereafter.
St. Andrews,	English (Professor).	English (Professor).	English (Additional Examiner).	English (Additional Examiner).
	Classics (Additional Examiner).	Classics (Professor).	Classics (Professor).	Classics (Additional Examiner).
	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Professor).
	Modern Languages (Professor or Lecturer).	Modern Languages (Additional Examiner).	Modern Languages (Additional Examiner).	Modern Languages (Professor or Lecturer).
Glasgow,	English (Additional Examiner).	English (Professor).	English (Professor).	English (Additional Examiner).
	Classics (Additional Examiner).	Classics (Additional Examiner).	Classics (Professor).	Classics (Professor).
	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Professor).
	Modern Languages (Professor or Lecturer).	Modern Languages (Professor or Lecturer).	Modern Languages (Additional Examiner).	Modern Languages (Additional Examiner).
Aberdeen,	English (Additional Examiner).	English (Additional Examiner).	English (Professor).	English (Professor).
	Classics (Professor).	Classics (Additional Examiner).	Classics (Additional Examiner).	Classics (Professor).
	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Additional Examiner).
	Modern Languages (Additional Examiner).	Modern Languages (Professor or Lecturer).	Modern Languages (Professor or Lecturer).	Modern Languages (Additional Examiner).
Edinburgh,	English (Professor).	English (Additional Examiner).	English (Additional Examiner).	English (Professor).
	Classics (Professor).	Classics (Professor).	Classics (Additional Examiner).	Classics (Additional Examiner).
	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Additional Examiner).
	Modern Languages (Additional Examiner).	Modern Languages (Additional Examiner).	Modern Languages (Professor or Lecturer).	Modern Languages (Professor or Lecturer).

in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary.

Degrees in Science.

The Examiners for Degrees in Science are the Professors whose subjects qualify for Graduation in Science, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary.

Degrees in Medicine.

The Examiners for Graduation in Medicine are the Professors whose subjects qualify for Graduation in Medicine, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary, such provision being made as will ensure that every candidate shall be examined in each subject by at least two Examiners, one of whom shall not be a Professor or Lecturer in the University.

Degrees in Law.

The Examiners for the Degree of Bachelor of Laws are the Professors of or Lecturers on the subjects included in the examinations for the said Degree, and additional examiners appointed by the University Court.

The Examiners for the Degree of Bachelor of Law are the Professors of or Lecturers on the subjects included in the examinations for the said Degree, and additional examiners appointed by the University Court.

Degrees in Divinity.

The Examiners for the Degree of Bachelor of Divinity are the Professors of or Lecturers on the subjects included in the examinations, *and two additional examiners appointed by the University Court.*[1]

No person is eligible for appointment to the office of additional Examiner, whether for Preliminary Examination or for Degrees in Arts, Science, or Medicine, who is a Professor, Lecturer, or University Assistant or Demonstrator in any Scottish University, and the appointment of any additional Examiner during the currency of his term of office to a Professorship, Lectureship, or to the office of University Assistant or Demonstrator in any Scottish University is held to vacate his office of Examiner. The periods of appointment of additional Examiners are so adjusted as to secure that all the Examiners shall not vacate their office at the same time; but no Examiner can be appointed for a longer period than four years, and no person who has held the office of Examiner for a period of three or four years is eligible for reappointment to the office of Examiner in the same University until he has ceased to hold the office of Examiner in such University for not less than one year.

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[1] The words in italics are taken from Ordinance No. 63, issued by the Universities Commissioners on 4th February, 1895, which, if approved by Her Majesty in Council before 1st October, 1895, will come into force at that date.

In the event of a vacancy in the office of a member of the Joint-Board, or of an Examiner or additional Examiner in Arts, Science, or Medicine, occurring otherwise than by expiration of his term of office, the person appointed in his room is appointed for the remainder of such term only.

REGULATIONS FOR GRANTING DEGREES.

I. GRADUATION IN ARTS.

Regulations applicable to all who have entered on their Academical Course since 1st October, 1892.

The conditions on which the Degree of Master of Arts is now conferred are regulated by Ordinances No. 11[1] and No. 44 of the Universities Commissioners (1889), the principal provisions of which are the following:—

I. The Academical year in each University shall commence on the first day of October. The classes shall meet for the winter session (which shall include not less than twenty teaching weeks) on such day thereafter as the Senatus of each University shall determine; and shall close not later than the tenth day of the following April.

The University Court of each University shall institute a summer session in such of the subjects or branches of subjects qualifying for graduation in Arts as may be determined by the said Court after consultation with the Senatus. Such session shall commence on such day as the Senatus of each University shall determine, and shall include ten teaching weeks at least. The classes shall be conducted by the Professors, or by Lecturers appointed under Ordinance No. 17 (Regulations as to Assistants and Lecturers).

II. The Curriculum for the degree of Master of Arts (M.A.) shall extend over not less than three winter sessions, or two winter sessions and three summer sessions.

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[1] This Ordinance was printed in full in the University Calendar for 1892-93, pp. 477-485, and the modifications made by Ordinance No. 44 were inserted in italics in the University Calendar for 1894-95.

Preliminary Examination.

III. (1) Before entering on the Curriculum (subject to the proviso contained in Section IV., Subsection 1) each Student shall pass a Preliminary Examination in the following subjects:—

1. English.
2. Latin or Greek.
3. Mathematics.
4. One of the following:—Latin or Greek (if not already taken), French, German, Italian, Dynamics.

(2) The examination must be passed in the matters and on the standards hereinafter defined; but there shall be a higher and lower standard in Latin, Greek, and Mathematics.

Candidates must pass on the higher standard in at least one of these three subjects, and may pass on the lower standard in either or both of the remaining two; subject always to the conditions relative to attendance contained in Section IV. hereof.

(3) English shall include Grammar and Composition, and the outlines of Geography and British History, and the standard shall not be lower than that presently adopted for the Higher Grade Leaving Certificate of the Scotch Education Department.

The Joint-Board has issued the following directions showing the character of the papers to be set in English:—

English will include (*a*) Grammar, (*b*) Composition, (*c*) Literature, (*d*) Geography, and (*e*) History.

(*a*) Grammar will include Analysis, Parsing, Derivation, and Correction of Sentences.

(*b*) Composition will include an Essay and Paraphrasing.

(*c*) Literature—(i.) In October, 1895, and April and October, 1896, will include a general knowledge of the life and works of the greater writers, and a more special knowledge of the works of two or three of these writers. For October, 1895, the special subjects will be Shakespeare's *Julius Cæsar*, and Scott's *Fortunes of Nigel;* for April and October, 1896, Shakespeare's *Henry the Fifth*, and Scott's *Fair Maid of Perth*. (ii.) In and after April, 1897, Literature will include a knowledge of certain works of two or three writers; but questions requiring a general knowledge of the life and works of the greater writers will no longer be set. One or two questions may be set, giving an opportunity to any candidates who have read widely to show their knowledge; and the amount of prescribed work in English Literature will be increased.

N.B.—In October, 1895, and April and October, 1896, alternative papers will be set in English Literature—one on the lines laid down in Paragraph (i.), and the other on the lines laid down in Paragraph (ii.), the prescribed books being the same for each paper, and candidates may select whichever they prefer.

(*d*) Geography will include a general knowledge of the Geography of the World, and a special knowledge of the Geography of the British Empire.

(*e*) History will include a knowledge of one of the three following periods to be taken in successive years, in the order herein mentioned, namely:—The Outlines of the History of both England and Scotland from the Roman Occupation to the Accession of James VI. (for October, 1896); from the Accession of James IV. to the Union of the Kingdoms (for April and October, 1897); from the Union of the Kingdoms to the Reform Bill of 1832 (for April and October, 1895).

(4) Latin and Greek shall comprise grammatical questions, translation into English from Latin or Greek authors not previously prescribed, and translation of plain passages or easy sentences from English into Latin or Greek. The higher standard shall not be lower than that presently

adopted in the examination for a Curriculum of three sessions, or for the Higher Grade Leaving Certificate of the Scotch Education Department, and the lower standard shall not be lower than that presently adopted for the Lower Grade Leaving Certificate of the said Department.

The Latin examination on the Higher Standard will be—Translation, Prose Composition, Grammar, and Sentences.

The Greek examination on the Higher Standard will be—Translation, Sentences, and Grammar.

The passages for translation both from Greek and Latin will include Prose and Verse.

The Latin examination on the Lower Standard will be—Translation and Parsing, Prose Composition, Grammar, and Sentences.

The Greek examination on the Lower Standard will be—Translation, Sentences, and Grammar.

Candidates who, having taken the examination on the Higher Standard in Latin or Greek, have failed to pass on that Standard, but have obtained a percentage of marks equivalent to a pass on the Lower Standard, may be held to have passed the examination on the Lower Standard.

(5) French, German, and Italian shall comprise grammatical, literary, and easy philological questions, translation into English from French, German, or Italian authors not previously prescribed, and translation from English into French, German, or Italian; and the standard shall not be lower than that presently adopted for the Higher Grade Leaving Certificate of the Scotch Education Department.

For the examination in French and German—

(*a*) Two papers will be set, both in French and German; the first paper will contain a passage for translation from English into French or German, with some short sentences of an idiomatic character; the second paper will contain a set of grammatical questions, two passages for translation into English (one in verse, one in prose), and a selection of literary, philological, or historical questions, from which the candidate will be allowed to choose *one only*.

(*b*) An hour and a half will be allowed for the first paper, and two hours for the second.

(6) Mathematics on the lower standard shall comprise—(1) Arithmetic, including Vulgar and Decimal Fractions, Proportion, Percentage, Square Root, Simple Interest; (2) Algebra, including Fractions. Factors, Square Root, Equations of the First Degree, Simultaneous Equations of the First Degree, Easy Quadratic Equations, Problems leading to the above Equations; (3) Geometry—Euclid, Books I., II., and III. (or their equivalents), with easy deductions. Demonstrations other than Euclid's will be accepted if they assume no propositions which in Euclid's order are subsequent to the proposition under consideration. The Joint-Board has directed that each question in Geometry shall consist of two parts, of which one shall be an easy deduction or illustrative exercise on the proposition set as bookwork.

(7) Mathematics on the higher standard shall, in addition, comprise Euclid, Books IV., VI., and the first twenty-one propositions of Book XI. (or their equivalents), with deductions, Quadratic Equations, Trigonometry to the Solution of Triangles inclusive, and the use of Logarithmic Tables. The Joint-Board has directed that the proportion of the paper devoted to these subjects respectively shall be, as nearly as possible, two-fifths to Geometry, two-fifths to Algebra, and one-fifth to Trigonometry, and that

each question in Geometry shall consist of two parts, of which one shall be an easy deduction or illustrative exercise on the proposition set as bookwork.

(8) Dynamics shall mean the Elementary Statics and Kinetics of Solids, Liquids, and Gases. The Joint Board has intimated that the paper on Dynamics will be directed to test the candidates' knowledge of the fundamental principles of the subjects included in it, and will not involve algebraical or geometrical difficulties. As far as possible each question will consist of two parts, one of which will be a numerical or other simple illustrative example of the principle with which the other part of the question deals.

(9) A candidate shall be obliged to pass in all the required subjects at one or not more than two examinations; provided that he may *offer himself for re-examination* as often as may be necessary *to satisfy this condition.*[1]

IV. (1) Attendance on any class shall not qualify for graduation, unless the whole Preliminary Examination has been passed. *Any student who has passed in Latin, Greek, or Mathematics on the higher standard may attend a qualifying class in such subject or subjects without having passed in the other subjects of the examination, provided always that* (a) *no candidate shall be allowed to present himself for examination in any subject qualifying for graduation until he has passed the whole Preliminary Examination; and* (b) *no student shall be admitted to a degree in Arts unless he has attended qualifying classes in the University granting the degree, or in another Scottish University, as provided by Section XXV. hereof, for three academic years after he has completed his Preliminary Examination.*[1]

(2) Attendance on a class in any language included in the Preliminary Examination shall not qualify for graduation, unless the candidate, before entering the class, has passed the Preliminary Examination in that subject, and on the higher standard where a double standard is provided. He may, for that purpose, attend any Preliminary Examination held during the course of his study, taking only the paper set in that subject; provided always that the provisions of the subsection immediately preceding shall have been satisfied.

(3) Attendance on a class in any language not included in the Preliminary Examination shall not qualify for graduation, unless the candidate has previously passed an examination in that language on a standard as nearly as possible equivalent to the higher standard of the languages included in the Preliminary Examination.

(4) Attendance on a class of Mathematics or Natural Philosophy shall not qualify for graduation unless the candidate, before entering the class —in addition to the examination in Mathematics on the lower standard required of all students—has passed an examination in the following subjects:—

[1] The words in italics are taken from a supplementary Ordinance No. 44, which was approved by Her Majesty in Council on 28th May, 1894, and came into force on 1st October, 1894. The Ordinance provides that the alterations on Sections III. (9) and IV. (1) shall be held to have come into force on 1st October, 1892.

(*a*) Euclid: Book VI., Propositions 1-19, or Geometry equivalent thereto.
(*b*) Algebra: Quadratic Equations, Ratio and Proportion.
(*c*) The Trigonometry of Right-angled Triangles.

V. (1) The Preliminary Examination shall be held at each University twice in each year, under such regulations as the Senatus, with the approval of the University Court, shall from time to time determine, and shall be conducted in writing.[1]

(2) The Joint-Board of Examiners to be appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations), shall have power to accept the Higher Grade Leaving Certificate of the Scotch Education Department in any subject as an equivalent for the Preliminary Examination in that subject; and to accept the Lower Grade Leaving Certificate of the said Department as an equivalent for the Preliminary Examination on the lower standard in Latin, Greek, and Mathematics; provided they are satisfied that the standard of the examination, at which the said certificates were granted, is not lower than that required by this Ordinance.

Under this subsection the Joint-Board of Examiners has resolved as follows:—For the Preliminary Examination in Arts and Science the Higher and Honours Grade Leaving Certificates of the Scotch Education Department in Latin, Greek, and Mathematics, will be accepted as equivalent to the Higher Standard in each of these subjects, as prescribed by the Arts Ordinance, and the Lower Grade Certificate to the Lower Standard; the Higher and Honours Grade Leaving Certificate in English and Modern Languages will be accepted as equivalent to the standard prescribed for each of these subjects by the Arts Ordinance. No Examinations conducted in Scotland, other than those of the Scotch Education Department, will be accepted as equivalent to the Preliminary Examinations in Arts and Science.

(3) The Joint-Board of Examiners shall have power to determine what examinations, if any, other than those for the Leaving Certificates of the Scotch Education Department, may be accepted as equivalent to the Preliminary Examination in whole or in part, provided they are satisfied that such other Examinations are in fact equivalent thereto.

Under this subsection the Joint-Board has resolved as follows:—

(*a*) A Degree in Arts or in Science, not being an Honorary Degree, in any of the Universities of the United Kingdom, shall exempt from the Preliminary Examination in Arts or in Science, as the case may be.

(*b*) The Higher Certificate of the Oxford and Cambridge Schools Examinations Board will be accepted as equivalent to the Higher Standard in each subject in the Preliminary Examination in Arts and Science, and their Lower Certificate as equivalent to the Lower Standard.

(*c*) For the Preliminary Examination in Arts and Science, the Deans of the Faculties concerned are empowered to accept, *pro tanto*, such examinations qualifying for entrance to recognized Colonial and Foreign Universities (although not included in the list of Equivalent Examinations issued by the Joint-Board) as they consider to be sufficient, but on condition that they afterwards report each case to their respective Senates, and to the Joint-Board as soon as possible.

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[1] For dates of Preliminary Examinations see Table on page 146.

TABLE OF PRELIMINARY EXAMINATIONS FOR DEGREES IN ARTS, SCIENCE, AND MEDICINE TO BE HELD DURING SESSION 1895-96.

I. ARTS AND SCIENCE.

Fee.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.	Subject.	Dates of Examinations and Hours at which the various Papers will be set.	
10s. 6d. 10s. 6d.	12th September or 9th March.	Italian, - -	Friday, 27th September, 2 to 5 p.m.	Friday, 27th March, 2 to 5 p.m.
		English, - -	Saturday, 28th September, 9 to 11 a.m., and 12 noon to 2 p.m.	Saturday, 28th March, 9 to 11 a.m., and 12 noon to 2 p.m.
		Lower Greek, -	Saturday, 28th September, 3 to 6 p.m.	Saturday, 28th March, 3 to 6 p.m.
		Lower Latin, -	Monday, 30th September, 9 a.m. to 12 noon.	Monday, 30th March, 9 a.m. to 12 noon.
		Lower Mathematics	Monday, 30th September, 2 to 5 p.m.	Monday, 30th March, 2 to 5 p.m.
		Higher Latin, -	Tuesday, 1st October, 9 to 11 a.m., and 12 noon to 2 p.m.	Tuesday, 31st March, 9 to 11 a.m., and 12 noon to 2 p.m.
		French (1st Paper),	Tuesday, 1st October, 3 to 4.30 p.m.	Tuesday, 31st March, 3 to 4.30 p.m.
		Higher Greek, -	Wednesday, 2nd October, 9 to 11 a.m., and 12 noon to 2 p.m.	Wednesday, 1st April, 9 to 11 a.m., and 12 noon to 2 p.m.
		German (1st Paper),	Wednesday, 2nd October, 3 to 4.30 p.m.	Wednesday, 1st April, 3 to 4.30 p.m.
		Intermediate and Higher Math., -	Thursday, 3rd October, 9 to 11 a.m., and 12 noon to 1.30 p.m.	Thursday, 2nd April, 9 to 11 a.m., and 12 noon to 1.30 p.m.
		French (2nd Paper),	Thursday, 3rd October, 3 to 5 p.m.	Thursday, 2nd April, 3 to 5 p.m.
		German (2nd Paper),	Friday, 4th October, 9 to 11 a.m.	Friday, 3rd April, 9 to 11 a.m.
		Dynamics, - -	Friday, 4th October, 1 to 4 p.m.	Friday, 3rd April, 1 to 4 p.m.

II. MEDICINE.

Fee.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.	Subject.	Dates of Examinations and Hours at which the various Papers will be set.	
10s. 6d. 10s. 6d.	12th September or 9th March.	English, - -	Saturday, 28th September, 9 to 11 a.m., and 12 noon to 2 p.m.	Saturday, 28th March, 9 to 11 a.m., and 12 noon to 2 p.m.
		Greek, - - -	Saturday, 28th September, 3 to 6 p.m.	Saturday, 28th March, 3 to 6 p.m.
		Latin, - - -	Monday, 30th September, 9 a.m. to 12 noon.	Monday, 30th March, 9 a.m. to 12 noon.
		Mathematics, -	Monday, 30th September, 2 to 5 p.m.	Monday, 30th March, 2 to 5 p.m.
		French, - -	Tuesday, 1st October, 3 to 6 p.m.	Tuesday, 31st March, 3 to 6 p.m.
		German, - -	Wednesday, 2nd October, 3 to 6 p.m.	Wednesday, 1st April, 3 to 6 p.m.

ORDINARY DEGREE.

VI. Candidates for the ordinary degree of Master of Arts may follow the Curriculum and take their degree in the subjects hitherto recognized for graduation, as provided by the regulations[1] contained in Ordinances Nos. 12, 14, 18, and 69 of the Commissioners under the Universities (Scotland) Act, 1858, subject always to the preceding provisions of this Ordinance; or they may vary the Curriculum for graduation under the regulations contained in the immediately succeeding sections.

VII. (1) Candidates shall attend full courses in at least seven subjects, and shall be examined on these subjects.

(2) Of these subjects four must be (*a*) Latin or Greek (not Modern Greek); (*b*) English or a Modern Language (*i.e.*, French, German, Italian, or Spanish) or History; (*c*) Logic and Metaphysics, or Moral Philosophy; (*d*) Mathematics or Natural Philosophy.

(3) The remaining subjects may be selected by the candidate from the Departments specified in Section IX. of this Ordinance, under the following condition:—That the whole subjects taken shall include either (*a*) both Latin and Greek (not Modern Greek), or (*b*) both Logic and Moral Philosophy, or (*c*) any two of the following three subjects:—Mathematics, Natural Philosophy, and Chemistry.

VIII. (1) Each of the subjects must be studied in a full course of not less than one hundred meetings of the class on separate days, except in cases where the Senatus, with the approval of the University Court, shall have sanctioned, as qualifying for graduation, half courses of not less than fifty meetings on separate days; or where the Senatus, with the approval of the said Court, shall, having regard to the nature of the subject, sanction full courses of less than one hundred or of less than fifty meetings respectively.

Under this subsection the Senate, with the approval of the University Court, has sanctioned, as qualifying for graduation, half courses in the following subjects, viz.:—Latin, Greek, Political Economy, Philosophy of Law, Mathematics, Astronomy, Geology, Constitutional Law and History,[2] and Public Law.

(2) Two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

Under this subsection the Senate, with the approval of the University Court, has determined that any two half courses in subjects which are taught only in half courses and not in full courses in Arts, shall be held to be equivalent to a full course, and that where in Arts a full course is given in any subject, a half course in such subject shall not be combined with a half course in any other subject, but only with a second half course in the same subject, both the systematic and practical portions of the courses being taken in cases where both are prescribed.

(3) Where a subject is taught in a practical class, as well as in a systematic class, the Senatus, with the approval of the University Court,

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[1] See pp. 152—154.

[2] Candidates for the Degree of Master of Arts with Honours in the Group of History may attend the course of eighty lectures in Constitutional Law and History, and may reckon such attendance as attendance on a full course.

shall regulate the course of study and determine the relative proportion of lectures and laboratory or practical work.

Under this subsection the Senate, with the approval of the University Court, has resolved that in Chemistry, Botany, and Zoology the course of study for a Degree in Arts, and the relative proportion of lectures and laboratory or practical work, shall be as follows:—

1. Chemistry.—A systematic course of one hundred meetings of the class and a practical course of two and a half months.

2. Botany.—One hundred meetings on separate days, viz., fifty in systematic course and fifty in practical course.

3. Zoology.—One hundred meetings on separate days, viz., fifty in systematic course and fifty in practical course.

IX. The Departments of study for graduation in Arts in each University shall, if adequate instruction is provided, include the following subjects, with such additions or modifications in any University as may hereafter be made by Ordinance of the University Court:—

1. *Language and Literature.*

Latin.
Greek.
English.
French.
German.
Italian.
Sanskrit.
Hebrew.
Arabic or Syriac.
Celtic.
Modern Greek.

2. *Mental Philosophy.*

Logic and Metaphysics.
Moral Philosophy.
Political Economy.
Education (Theory, History, and Art of).
Philosophy of Law.

3. *Science.*

Mathematics.
Natural Philosophy.
Astronomy.
Chemistry.
Zoology.
Botany.
Geology.

4. *History and Law.*

History.
Archæology and Art (History of).
Constitutional Law and History.
Roman Law.
Public Law.

X. Candidates who produce certificates that they have satisfied all the conditions prescribed by this Ordinance, and who have passed the necessary examinations, shall be entitled to receive the ordinary degree of Master of Arts on payment of the fees required.

Degree with Honours.

XI. (1) The degree of Master of Arts may be taken with Honours in any of the following Groups, in which Honours Classes shall have been established in at least two subjects:—

(*a*) Classics (*i.e.*, Latin and Greek, with optional subjects such as Comparative Philology, Ancient Philosophy, and Classical Archæology).
(*b*) Mental Philosophy.
(*c*) Mathematics and Natural Philosophy.
(*d*) Semitic Languages.
(*e*) Indian Languages.
(*f*) English (Language, Literature, and British History).[1]

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[1] The Senatus Academicus, in determining the courses to be attended within the Honours Group entitled "English (Language, Literature, and British History)," and the character of the examination specified in Section XI., Sub-section 1 (*f*), shall regard English Literature as constituting the chief subject of the Group, the linguistic and historical subjects being regarded as subsidiary thereto

(*g*) Modern Languages and Literature (*i.e.*, French, German, Italian, or Spanish).

(*h*) History.

(2) Every Candidate shall take up at least five subjects. Two of these subjects, under separate Professors or Lecturers, must be selected from the Candidate's Honours Group; and the five subjects shall include one from each of the Departments of Language and Literature, Mental Philosophy, and Science, set forth in Section IX. of this Ordinance.

(3) Every Candidate shall attend seven Classes, taking two Classes (one of which shall be an Honours Class) in each of his Honours subjects.

(4) A Candidate who has obtained Honours in any one Group, may, before graduating, present himself again for examination in a second Honours Group. In such a case, he shall not be required to attend more than two additional Classes, which shall be Honours Classes, in the second Group.

(5) The examination in the subjects comprised in the Candidate's Honours Group shall be of a higher standard than that required for the ordinary degree of Master of Arts. In his other subjects the standard shall be that required for the ordinary degree.

(6) The Senatus shall, subject to the provisions of Sections XVI. to XX. of this Ordinance, from time to time determine what subjects shall be comprised in each Group, what subjects may be taken in half courses, and in which Group they may be taken: Provided that no new Group shall be instituted except by Ordinance of the University Court.

(7) The provisions of Section VIII. of this Ordinance shall apply to Candidates for Honours; but, in their case, not fewer than fifty meetings, on separate days, extending over an entire winter session, shall constitute a full course for an Honours Class; and not fewer than twenty-five meetings on separate days, extending over half a winter session, or an entire summer session, shall constitute a half course.

XII. (1) Every Candidate shall include Latin, or Greek, either in his Honours Group or as one of the subjects in which the standard of examination is that required for the ordinary degree of Master of Arts.

(2) Greek shall be compulsory for candidates for Honours in Mental Philosophy.

(3) Candidates for Honours in English, or Modern Languages and Literature, or History (Groups *f*, *g*, *h*, of Section XI. hereof), shall include within the whole subjects taken for their degree (*a*) Logic and Metaphysics or Moral Philosophy and (*b*) Mathematics or Natural Philosophy.

XIII. (1) The whole examination in the candidate's Honours Group must be taken at one time, and the whole examination necessary for graduation with Honours must be taken within five years from the date of the candidate's first matriculation after having passed the Preliminary Examination, unless that period shall be extended by the Senatus on special cause shown; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the extension

(2) Candidates for Honours may be examined, at any time during their Curriculum, in the three subjects in which the standard of examination is that required for the ordinary degree of Master of Arts.

XIV. (1) A candidate who has passed the examinations necessary for the ordinary degree of Master of Arts, but who has not yet graduated, may present himself for Honours within five years from the date of his first matriculation after having passed the Preliminary Examination, and shall not be required to attend further classes:—subject always to the provisions of Section XII. hereof.

(2) No one shall be allowed to present himself a second time as a candidate for the degree of Master of Arts with Honours, who, upon examination, has failed to obtain Honours.

(3) A candidate shall be held to have presented himself who has notified his name for Examination in accordance with the University regulations. But it shall be in the power of the Senatus to relax this rule on special cause shown; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XV. (1) In each Group there shall be three Grades of Honours, to be denominated respectively the First, Second, and Third Class. The names of the candidates entitled to Honours in each class shall be arranged in alphabetical order.

(2) For the degree of Master of Arts with Honours a Diploma shall be given setting forth the subjects in which he has taken Honours.

Boards of Studies.

XVI. The Senatus of each University shall from time to time institute Boards of Studies corresponding as nearly as may be to the Departments of Study enumerated in Section IX. of this Ordinance.

XVII. Each Board of Studies shall consist of such Members of the Senatus and Lecturers in the University as the Senatus may from time to time select, and the Senatus shall appoint one of the Members of the Board to be Convener thereof.

XVIII. Before the end of each winter session each Professor and Lecturer in the said Departments of study shall submit to the proper Board of Studies for its approval a syllabus of the subjects and books proposed for the work of his class for the next academical year. As soon as such approval has been given, the syllabus shall be transmitted to the Faculty of Arts for its consideration. The syllabus, with such observations as the Faculty of Arts may see fit to make thereon, shall then be transmitted to the Senatus for its sanction.

In addition to the syllabus of subjects specified in Section XVIII., the Professors, and in the case where a subject is taught by a Lecturer only, the Lecturer or Lecturers, shall submit to the proper Board of Studies a syllabus of the subjects and books to be prescribed for the examinations for the ordinary Degree of Master of Arts in the next academical year, and for the Honours examinations in the academical year next but one.

XIX. (1) Before the end of each winter session each Board of Studies shall prepare a scheme defining for the academical year next but one following, the classes which shall be deemed to be Honours classes, and the subjects and courses of reading for Honours in its Department, and shall report the same to the Faculty of Arts for its consideration. The scheme, with such observations as the Faculty of Arts may see fit to make thereon, shall then be transmitted to the Senatus for its sanction.

(2) Each Board shall in like manner make recommendations through the Faculty of Arts to the Senatus in regard to the half-courses which may be sanctioned under the provisions of this Ordinance, and the lectures which may be given on special subjects.

XX. The Principal and the Dean of the Faculty of Arts shall be *ex officio* Members of each Board of Studies. The Convener shall preside, and, in his absence, each meeting shall appoint its own Chairman, and every Chairman shall have a deliberative, and, in cases of equality, a casting vote.

General.

XXI. In the case of a foreign student whose native language is other than English, the standard required in English in the Preliminary Examination shall be such as the Joint Board of Examiners may deem sufficient. In the case of a student whose native language is other than European, the Senatus may accept as an alternative to Latin or Greek any other classical language, such as Sanskrit or Arabic, subject always to the provisions of Section IV., Sub-section 3 hereof.

XXII. If a student, before passing the Preliminary Examination, has attended a class qualifying for graduation, the Senatus may, on special cause shown, permit him to count such class as qualifying for graduation, on condition of his passing the full Preliminary Examination within such time thereafter as the Senatus may appoint; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XXIII. The examination in all the languages in the Curriculum shall, as far as possible, be on the same standard in Examinations for the same degree, and shall in all cases test the candidate's knowledge of the history and literature of the several countries.

XXIV. A candidate for the degree of Master of Arts shall not be deemed to have attended a class as part of the Curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XXV. A student, who has given attendance at classes recognized as qualifying for graduation during one or more sessions in any one or more of the Scottish Universities, may complete his Curriculum by giving attendance during the remainder of his course in another Scottish University, and may proceed to a degree in the latter University in the same way, in all respects, as if the previous part of his Curriculum had been taken therein: Provided always that every such student shall be bound to produce, to the satisfaction of the Senatus of the latter University, certificates of his having passed the Preliminary Examination, and of his attendance at the former University or Universities, and shall be examined in all the subjects necessary for a degree of Master of Arts by the Examiners of the University in which he completes his Curriculum, and in which alone he shall be allowed to graduate; and that no such student shall be admitted to a degree in any University unless he has given attendance in such University during the last winter session of his Curriculum, and one other winter session or two summer sessions.

XXVI. A candidate for the degree of Master of Arts with Honours, who has failed to be placed in any class, may, provided that in the opinion of the Examiners he has given evidence of sufficient attainments in any subject for the ordinary degree of Master of Arts, receive from them a certificate of having passed in such subject, which shall count *pro tanto* as part of the examination required under the regulations for the ordinary degree of Master of Arts.

XXVII. The degree of Master of Arts shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XXVIII. A student who, previous to 1st October, 1892, commenced his course of study with a view to graduation in Arts in any of the Scottish Universities under the regulations[1] in force at the time in such University, may complete his course and become a candidate for the degree of Master of Arts, with or without Honours, in conformity with such regulations. And any such student who has passed the examination hitherto required for admission to a Curriculum of three sessions shall, if he desire to come under the regulations of this Ordinance, be exempted from the Preliminary Examination herein required.

XXIX. Students may attend any classes without having passed the Preliminary Examination within the meaning of this Ordinance, but such attendance shall not qualify for graduation.

Attendance on classes in the Faculty of Arts in which the teaching is on the standard at present recognized for the classes hitherto known as Junior or Middle Classes, shall in no case qualify for graduation.

XXX. It shall be competent for the University Court in each University to discontinue the Junior Classes, or Middle Classes, where such exist, in Latin, Greek, and Mathematics, when, in the opinion of the Court, the provision for Secondary Education in schools throughout the country is sufficient to render such classes no longer necessary.

Regulations applicable to all who began their Academical Course before 1st October, 1892.

I. The ordinary course of study necessary for the Degree of Master of Arts (except in the circumstances mentioned in the following paragraph) extends over four winter sessions, and includes attendance for not less than two sessions on the classes of Humanity, Greek, and Mathematics respectively, and attendance for not less than one session on the classes of Logic, Moral Philosophy, English Literature, and Natural Philosophy respectively.

II. Any student who, at the time of his entrance to the University, shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the higher classes of Latin, Greek, and Mathematics, or any of them, may be admitted to such higher class or classes without having attended the Junior class or classes, in the same department or departments; and in the case of students who are, after such examination, admitted to the higher Greek and Latin classes, the course of study for the Degree of Master of Arts may be completed within three winter sessions instead of four.

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[1] See below.

III. In pursuing the course of study for the Degree of Master of Arts, no student is permitted to pass from the Junior to a higher class in any department, unless the Professor is satisfied of his fitness to enter the higher class.

IV. It is in the power of any student, who has given attendance during one or more sessions on the course of study in any other Scottish University, to complete his course of study and proceed to the Degree of M.A. in this University: Provided always, that every such student shall produce, to the satisfaction of the Senatus Academicus of this University, testimonials of his attendance at the former University, and shall be examined in all the departments necessary for the Degree of Master of Arts by the Examiners of this University: Provided also, that no student shall be admitted to a Degree in this University unless he has given attendance in this University during the last two sessions of his course.

V. Any student who has completed the required attendance on the Latin and Greek classes, may be examined on those subjects at any examination for Degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Logic, Moral Philosophy, and English Literature, may be examined on these subjects at any examination for Degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Mathematics and Natural Philosophy, may be examined on these subjects at any examination for Degrees, although he has not completed his attendance on the other classes of the prescribed course; and, if such student shall satisfy the Examiners, when so examined in Latin and Greek, or in Logic, Moral Philosophy, and English Literature, or in Mathematics and Natural Philosophy, he is entitled to receive from them a certificate to that effect, and he is not again examined on the same subjects, as a condition of his taking the Degree of Master of Arts.

VI. Students who have passed satisfactorily an examination or examinations on the several subjects embraced in the prescribed course of study, are entitled forthwith to receive the Degree of Master of Arts without Honours; but they may, before taking a Degree, offer themselves for a farther Examination, with a view to Graduation with Honours:[1] Provided always, that any student who desires to offer himself for examination, with a view to Graduation with Honours, in any one or more departments, may proceed to such examination without having previously passed the examination in such department or departments for the Degree of Master of Arts, without Honours; and if such student, in the opinion of the Examiners, fails to attain the standard for Honours in any department, but attains to the standard of the examination for Graduation without Honours, he shall be held to have passed in that department for the Degree of Master of Arts without Honours, but if in any such department he fails to attain to the standard of the examination for Graduation without Honours, he shall not be entitled, until he shall have passed in that department, to the Degree of Master of Arts: Provided also, that no person shall be admitted to examination for Honours after he has ceased to be a matriculated student in attendance on a class or classes in the University for more than one winter session, unless he has been prevented from offering himself by ill-health or other sufficient cause.[1]

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[1] The provisions with regard to Honours contained in this and the following paragraphs are applicable only to those who began their curriculum before session 1892-93.

There are four departments, in any one or more of which candidates for Graduation with Honours may offer themselves for examination, viz.:—

A. Classical Literature;
B. Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy;
C. Mathematics, including Pure Mathematics and Natural Philosophy; and
D. Natural Science, including Botany, Geology, Zoology, and Chemistry.

In each of the first three of the above-mentioned departments—viz., in Classical Literature, in Mental Philosophy, and in Mathematics—there are two grades of honour, denominated respectively the First Class and the Second Class; but in the department of Natural Science there is one class of Honours only; and the names of the candidates entitled to honours in each class, in the several departments, are arranged, when publicly announced, in alphabetical order.

The papers for the examinations under the old regulations are the same as those in the corresponding subjects for the Degree of M.A. under the new regulations, and the examinations take place at the same time.

For Dates of examination see Table on p. 161.

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[1] By minute of date 28th November, 1872, the Senate resolved that the power conferred on them of dispensing with the above regulation "will not be exercised except in the case of the applicant having been precluded from attendance by ill-health, or very peculiar circumstances, quite beyond the applicant's control; attendance at another University not to be considered such."

TABLE OF SUBJECTS OF EXAMINATION FOR THE DEGREE OF MASTER OF ARTS, ACCORDING TO THE DIFFERENT CLASSES OF DISTINCTION WHICH CANDIDATES MAY HAVE IN VIEW.

The Examination Questions prescribed in April, 1895, in the several Departments and Subjects will be found towards the end of the Calendar.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
LATIN	**October, 1895.** VIRGIL, *Æneid*, Book XI. HORACE, *Odes*, Books II, III, IV. MARTIAL (Sellar's Selections), Books V, VI, VII. TACITUS, *Annals*, Book IV. Any one of the following: (*a*) CICERO, any oration or orations of not less than 40 chapters; (*b*) CICERO'S *Epistles*, any 40 consecutive pages (Prichard & Bernard's Edition); (*c*) any Book of LIVY. ROMAN ANTIQUITIES and ROMAN HISTORY, from B.C. 133 to B.C. 31 (*Students' History of Rome*, Books VI, VII). Unseen translation. Latin Prose Composition and Grammar. **April and October, 1896.** VIRGIL, *Æneid*, Book X. HORACE, *Odes*, Books I, III, IV. HORACE, *Satires*, Book II, *or* MARTIAL (Sellar & Ramsay), Books V, VI, VII. TACITUS, *Annals*, Books V, VI. Any one of the following: (*a*) CICERO, any oration or orations of not less than 40 chapters; (*b*) CICERO'S *Epistles*, any 40 consecutive pages (Prichard and Bernard's Edition); (*c*) any Book of LIVY. ROMAN ANTIQUITIES and ROMAN HISTORY from B.C. 133 to B.C. 31 (*Students' History of Rome*, Books VI, VII). Unseen translation. *Note.*—Proficiency in Latin Prose Composition and in Grammar is required. A knowledge of the matter of the Books read is required, so as to enable a student to explain and comment on the text, and explain allusions.	**October, 1895, and afterwards till further notice.** VERSE. { VIRGIL, *Æneid* VII—XII. HORACE, the *Satires* and *Epistles*. And any two (or more) of the following combinations: (*a*) LUCRETIUS, Books I, II, with a play of PLAUTUS. (*b*) JUVENAL (the whole excepting Sat. II, VI, and IX). (*c*) PERSIUS, with Sellar's Selections from Martial, Books I-IV. (*d*) CATULLUS (Strong's Selection) and Propertius (Ramsay's Selection). PROSE. { CICERO, the *Philippic Orations*, I-VI, or any oration of Cicero, or any consecutive portion of Cicero's *Epistles* (Muirhead's or Prichard and Bernard's Selections) of at least equal length. LIVY, I-III, or XXI-XXIII. TACITUS, *Annals*, Books I-IV. With Latin Composition, History, and Antiquities, &c. Passages also from Books not prescribed will be set. Candidates may profess any extra books they please.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
GREEK	**October, 1895.** HOMER, *Od.* IX, or *Il.* XVI. AESCHYLUS, *Persae;* or EURIPIDES, *Hippolytus.* THUCYDIDES, VII, omitting cap. 18—41. PLATO, *Crito.* Unseen translation and composition. History of Greece; either Chap. 1—XX in Oman's *History;* or Chap. XXI—XXXV (*i.e.*, 478—404 B.C.). Questions on Greek Grammar, Literature, History, and Antiquities. **April and October, 1896.** HOMER, *Il.* XVI, or *Od.* XIV. EURIPIDES, *Iphigenia in Aulide,* or *Hippolytus.* PLATO, *Republic,* VIII and IX, omitting p. 546 and pp. 583—585 inclusive; or HERODOTUS, VI, 1—131. PLUTARCH, *Timoleon.* Unseen translation and composition. History of Greece; either Chap. 1—XX in Oman's *History;* or Chap. XXI—XXXV (*i.e.*, 478—404 B.C.). Questions on Greek Grammar, Literature, History, and Antiquities.	**October, 1895, and afterwards till further notice.** VERSE. HOMER, any twelve books. Any two of the following five groups, *i.e.*, an amount equivalent to four plays in all. 1. AESCHYLUS, Two plays of the *Oresteia.* 2. SOPHOCLES, two plays selected from the *Oedipus Tyrannus, Oedipus Coloneus, Antigone.* 3. EURIPIDES, two plays selected from the *Phoenissae, Iphigenia in Aulide, Hippolytus.* 4. PINDAR, *Pythian Odes;* or *Olympian;* or *Nemean and Isthmian.* 5. THEOCRITUS, *Idylls,* 1—XV, XXVIII, and *Epigrams.* 6. APOLLONIUS RHODIUS, *Argonautica,* III. PROSE. THUCYDIDES, two books, or HERODOTUS, two books. Either—1. PLATO, two of the following Dialogues—*Phaedo, Protagoras, Gorgias, Theaetetus, Apology:* Or— 2. ARISTOTLE, *Politics,* Books I, II, III, or IV, V, VI (as numbered in Bekker's text); Or *Constitution of Athens and Poetics.* Greek Composition and unseen translation. Questions in Greek Grammar, Literature, History, and Antiquities. Candidates will be required to show a thorough acquaintance with the subject matter, as well as with the text, of the Books. Since April, 1893, candidates, while expected to translate accurately all the books which they profess, are required to offer Three Special Books, in which they will be asked to comment on particular words, passages, and questions of text. The special books may be chosen from the following, one of the three being always prose, and one poetry:—Aeschylus, *Agamemnon* or *Choephoroi;* Sophocles, *Antigone;* Euripides, *Hippolytus;* Homer, *Odyssey,* IX—XII or *Iliad,* XVI, XIX, XXII; Thucydides, IV or VII; Herodotus, VII; Plato, *Phaedo* or *Apology;* Aristotle, *Poetics.* A pure and accurate English style in translation is considered of the highest importance. Candidates for Second Class Honours only may profess an amount equivalent to at least *one-half* of each of the authors, Greek or Latin, prescribed above, with or without special books.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
English Literature	**October, 1895.** A. For students of session 1893-94:—(1) English Composition; (2) English Philology; (3) Elizabethan Drama, especially Marlowe's *Dr. Faustus* and *Edward II.; Shakespeare's *Two Gentlemen of Verona, Henry V., As You Like It, Much Ado about Nothing, Twelfth Night, Hamlet, Othello, King Lear, Macbeth, Cymbeline;* Jonson's *Alchemist* and *Epicœne;* Beaumont and Fletcher's *Philaster;* Webster's *Duchess of Malfi;* Massinger's *A New Way to Pay Old Debts;* (4) (*a*) Chaucer's *Knight's Tale* (Clarendon Press edition), (*b*) Tennyson's *Idylls of the King.* B. For students of session 1894-95:—(1) English Composition; (2) English Philology; (3) History of English Poetry, from Cowper to Keats (text-book, Ward's *English Poets*, vol. 4); (4) (*a*) *Hamlet* (Clarendon Press); (*b*) *Eighteenth Century Essays*, ed. Dobson. Students of sessions prior to 1893-94 can take either paper and can omit Philology, *but no third paper will be set.* **April and October, 1896.** A. For students of session 1894-95, the subjects of that session specified above under B. B. For students of session 1895-96, the subjects specified on p. 63 (with any modification or addition made during session). Students of session 1893-94 can take either paper; students of sessions prior to 1893-94 can take either paper and can omit Philology, *but no third paper will be set.*	In 1895-96, 1896-97, and until further notice, the subjects of examination in English[1] (Language, Literature, and British History) will be as follows:— I. LANGUAGE.—English Philology, with Sweet's *Anglo-Saxon Reader* and Morris and Skeat's *Specimens of Early English*, Parts 1 and 2. II. LITERATURE.—(1) General History of English Literature from 1350. (2) Shakespeare. (3) *One* of the following:—(*a*) Anglo-Saxon Poetry; (*b*) Scottish Poetry, to Lindsay; (*c*) Dunbar and Spenser; (*d*) Milton and parts of Bacon; (*e*) Dryden, Pope, *Swift, Addison, Richardson, Fielding, Johnson, Burke, Hume, Gibbon,* Burns, *Scott, Austen,* Wordsworth, Coleridge, Byron, Shelley, Keats, *Carlyle,* Tennyson, R. Browning, *Ruskin,*—any three of these, provided that the three include a poet and a prose-writer, and do not include more than one of the last four writers. Names of authors counted as prose-writers are in italics. III. HISTORY.—The History of Great Britain and Ireland from 1714 to 1815, with special reference to the following works of Burke:—*Thoughts on the Present Discontents; Speeches on American Taxation; Reflections on the French Revolution.*
Hebrew	**October, 1895; April and October, 1896.** The Book of Genesis. Psalms I—XLI. Any one of the following:—(*a*) Joel, (*b*) Nahum, (*c*) Habakkuk, (*d*) Zephaniah. Unseen translation. Unpointed text to be pointed and translated. Translation from English into Hebrew. Questions on Grammar, Syntax, and Accents. Candidates are expected to be sufficiently acquainted with Pentateuch Introduction to explain the literary features of the book of Genesis. They will also be examined on the characteristics of Hebrew poetry and the formation of the Psalter; as also on the History of the period to which the selected Prophetical book belongs.	

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[1] See p. 148, and note at foot of page.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
LOGIC	The Professor's Lectures and *Institutes of Logic* (Large Print only).	In addition, the Professor's Lectures in Higher Class, (*a*) The Theaetetus; (*b*) Descartes, the Method, Meditations and Principles of Philosophy (English Translation, with Introduction, 1879); Locke's Essay, Books II and III; Hume, Enquiry Concerning Human Understanding; Reid, Essays on the Intellectual Powers, II, III, VI, with Hamilton's Notes and Supplementary Dissertations to Reid. Hamilton's Discussions (Logic, Perception, Cousin and Philosophical Appendix); (*c*) Systems of Kant, Fichte, Schelling, Hegel, Lotze; (*d*) Höffding's Outlines of Psychology (translated by Lowndes, 1891); (*e*) Institutes of Logic (Large and Small Print).
MORAL PHILOSOPHY	The Professor's Lectures during the session in which the student examined has attended the Moral Philosophy Class; and the Republic of Plato (translated by Davies and Vaughan).	Candidates for Honours will be examined on the History of Ancient and Modern Philosophy, as well as on Moral and Political Philosophy. They are required to show accurate knowledge of the following books:—(1) Plato's Republic; (2) Aristotle's Ethics; (3) Spinoza's Ethics; (4) Green's Prolegomena to Ethics; (5) Caird's Philosophy of Kant, Books II, III, and IV; (6) Stephen's Science of Ethics. They are also recommended to read Aristotle's Politics, Wallace's Hegel (the Logic and the Philosophy of Mind), Hume's Treatise on Human Nature, Mill's Utilitarianism and Representative Government, Lotze's Metaphysics, and Bradley's Appearance and Reality.
POLITICAL ECONOMY	The Lectures and Text-Books of the session in which the student has attended the class.	
EDUCATION	**October, 1895.** I. Theory of Education. II. Education as an Art. III. History of Education: (1) The Revival of Learning, Rabelais, Erasmus, Luther, Sturm, The Jesuits, Ascham; (2) Modern Primary Education, Bell, Lancaster, Pestalozzi, Froebel, Jacotot, Stow, Ascham's *Scholemaster*, Stow's *Training System*. **April and October, 1896.** I. Theory of Education. II. Education as an Art. III. History of Education: (1) Education in Ancient Greece and Rome: Socrates, Plato, Aristotle, Xenophon, Cicero, Quintilian; (2) Montaigne, Mulcaster, Comenius, Milton; (3) Locke, Rousseau, Pestalozzi, Froebel, Arnold, H. Spencer.	

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
PHILOSOPHY OF LAW	Holland's Jurisprudence (fifth or sixth edition). Maine's Ancient Law. Miller's Philosophy of Law. Reference may also be made to Hearn's The Aryan Household and Sidgwick's Elements of Politics.	
MATHEMATICS	Euclid, First Six Books, and Book XI, 1—21. Algebra, including Quadratic Equations, Progressions, and Binomial, Exponential, and Logarithmic Theorems. Plane Trigonometry, including the Solution of Triangles by the aid of Logarithmic tables.	*Second Class.*—In addition, Higher Algebra; Plane Trigonometry; Analytical and Geometrical Conics, and Differential and Integral Calculus so far as treated in the Intermediate Honours Mathematical Class. *First Class.*—In addition, Spherical Trigonometry, Solid Geometry, Differential and Integral Calculus, Differential Equations, and Elements of Finite Differences.
NATURAL PHILOSOPHY	Examination on the Subjects explained in the Class. On the Elements of Statics and Kinetics, with the solution of problems not requiring the Differential or Integral Calculus; Experimental Science, including Sound, Light, Heat, Electricity, and Magnetism.	*Second Class.*—Thomson and Tait's Elementary Treatise on Natural Philosophy. The subject of special course on Mathematical Physics for session of attendance. Portions of Thomson's Electrical Papers to be professed. *First Class*—In addition, Kinetics and Statics of a particle; and an elementary knowledge of Elasticity of Solids and Thermodynamics. Rigid dynamics, and portions of Thomson and Tait's Natural Philosophy (large work); also, either Fourier's Théorie Analytique de la Chaleur, or the Mathematical theory of one of the following subjects, Electricity, Magnetism, Light, Sound, Elasticity of Solids. For undulatory Theory of Light, Jamin, Cours de Phys., Vol. III, Part II, and Airy recommended.
ASTRONOMY	Elementary Mathematical Astronomy and Popular Astronomy.	
CHEMISTRY	General principles—Inorganic and Elements of Organic Chemistry. Text-books—Bloxam's Chemistry; Watts' Chemistry, by Tilden; Armstrong's Organic Chemistry; Clowes' Practical Chemistry.	
ZOOLOGY	Claus, Zoology; Rolleston's forms of Animal Life (Jackson's edition).	

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
BOTANY	The general principles of the Science of Botany, including External Morphology, Anatomy and Physiology; also the chief characters of the Natural Orders of Phanerogams represented in the British Flora, and of the leading types of Pteridophyta, Bryophyta, and Thallophyta.	
GEOLOGY[1]	J. Geikie's Outlines of Geology; Green's Physical Geology; and Lyell's Manual.	
HISTORY.	The Professor's Lectures during the session in which the student attended the History Class; and the Text-Books recommended for reading during that session.	Students will be examined in the following subjects:—(1) The Outlines of British History to 1837. This subject includes the History of England and Scotland, and the History of Ireland from the reign of Henry II. (2) The General History of the Constitution and Constitutional Law. (3) A period of European History, selected from year to year by the Professor; in connexion with this period candidates will be required to make a special study of one or more contemporary authorities. (4) A period of Constitutional History, selected from year to year by the Lecturer on Constitutional Law and History; in connexion with this period candidates will be required to make a special study of selected documents illustrating the History of the Constitution. *N.B.*—In (1) and (3) questions will be set in Historical Geography.
CONSTITUTIONAL LAW AND HISTORY	1. The outlines of English Constitutional History. 2. Existing Constitutional Law. Authorities recommended—Taswell-Langmead's English Constitutional History; Stubbs' Select Charters (Introductory Sketch only); Anson's Law and Custom of the Constitution, Vol. I.; Dicey, Law of the Constitution; Thomas, Leading Cases in Constitutional Law.	
ROMAN LAW	Institutes of Justinian (ed. Moyle or Sandars), and the Class Lectures. *Note.*—Candidates who aim at the LL.B. standard are required in addition to profess Dig., Lib. XVIII, Tit. I. The title is translated and annotated by Mackintosh—Roman Law of Sale.	
PUBLIC LAW	Hall's International Law. Candidates are expected to show a general acquaintance with the History of Modern Europe.	

[1] The examination in this and the three preceding subjects will be oral and practical, as well as by written papers.

TABLE OF EXAMINATIONS IN THE SUBJECTS FOR THE DEGREE OF M.A., TO BE HELD DURING SESSION 1895-96.

Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.	FEE.	Subjects of Examination.	Dates of Written Examinations and Hours at which the different Papers will be set.	
			October, 1895.	April, 1896.
	£1 1s. for each Subject until £5 5s. shall have been paid.	Astronomy, - -	Saturday, 5th Oct., 10—12 noon.	Saturday, 21st March, 10—12 noon.
		Geology, - - -	Do., do., 1—3 p.m.	Do., do., 1—3 p.m.
19th Sept. or 4th March		Botany, - - -	Monday, 7th Oct., 10—12 noon.	Monday, 23rd March, 10—12 noon.
		Chemistry, - -	Do., do., 12.30—2.30 p.m	Do., do., 12.30—2.30 p.m.
		Zoology, - - -	Do., do., 3—5 p.m.	Do., do., 3—5 p.m.
		French (1st Paper), -	Tuesday, 1st Oct., 3—4.30 p.m.	Tuesday, 31st March, 3—4.30 p.m.
		Do., (2nd Paper),	Thursday, 3rd Oct., 3—5 p.m.	Thursday, 2nd April, 3—5 p.m.
		German (1st Paper),	Wednesday, 2nd Oct., 3—4.30 p.m.	Wednesday, 1st April, 3—4.30 p.m.
		Do., (2nd Paper),	Friday, 4th Oct., 9—11 a.m.	Friday, 3rd April, 9—11 a.m.
		Philosophy of Law, -	Tuesday, 8th Oct., 9—12 noon.	Thursday, 26th March, 9—12 noon.
		Public Law, - -	Do., do., 2—5 p.m.	Monday, 23rd March, 2—5 p.m.
		Roman Law, - -	Wednesday, 9th Oct., 9—12 noon.	Tuesday, 24th March, 9—12 noon.
		Constitutional Law and History, - -	Do., do., 2—5 p.m.	Do., do., 2—5 p.m.
		History, - - -	Thurs., 10th Oct., 9—12 and 2—5 p.m.	Friday, 27th March, 10—1 and 2—5 p.m.
		Mathematics, - -	Friday, 11th Oct., 10—1 and 2—5 p.m.	Friday, 3rd April, 10—1 and 2—5 p.m.
		Natural Philosophy,	Saturday, 12th Oct., 10—1 and 2—5 p.m.	Saturday, 4th April, 10—1 and 2—5 p.m.
25th Sept. or 3rd March		Latin, - - -	Monday, 11th Oct., 10—12, 1—3, and 4—6 p.m	Monday, 30th March, 10—12, 1—3, and 4—6 p.m.
		Greek, - - -	Tuesday, 15th Oct., 10—12, 1—3, and 4—6 p.m.	Tuesday, 31st March, 10—12, 1—3, and 4—6 p.m.
		Latin and Greek, -	Thursday, 17th Oct., and following days at 11 a.m. (Orals.)	Thursday, 2nd April, and following days at 11 a.m. (Orals.)
		Do. do., -	Friday, 18th Oct., 2—5 p.m. (Honours.)	Saturday, 28th March, 3—6 p.m. (Honours.)
		Logic, - - -	Wednesday, 16th Oct., 10—1 and (Hon.) 2—5 p.m.	Wednesday, 1st April, 10—1 and (Hon.) 2—5 p.m.
		Moral Philosophy, -	Thursday, 17th Oct., 10—1 and (Hon.) 2—5 p.m.	Thursday, 2nd April, 10—1 and (Hon.) 2—5 p.m.
		English Literature,	Friday, 18th Oct., 10—1 p.m.	Saturday, 28th March, 9—12 noon.
		Political Economy,	Saturday, 19th Oct., 10—1 p.m.	Thursday, 26th March, 2—5 p.m.
		Hebrew, - - -	Do., do., 10—1 and 2—5 p.m.	Wed., 25th March, 9—12 and 2—5 p.m.
		Education, - -	Do., do., 10—1 and 2—5 p.m.	Do., do., 9—12 and 2—5 p.m.

When names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the Candidate can be admitted to examination. A Candidate is not held to be entered for the examination until his Name is entered, the Fee paid, and all the necessary certificates, etc., lodged.

2.—GRADUATION IN SCIENCE.

The Universities Commissioners (1889) have ordained that two Degrees in Science may be conferred by each of the Universities of Scotland—viz., Bachelor of Science (B.Sc.) and Doctor of Science (D.Sc.). These Degrees may be given in Pure Science and in Applied Science.

Degrees in Pure Science.

The following are the provisions of Ordinances No. 12[1] and No. 42 as they apply to this University :—

I. Two Degrees in Science may be conferred by the University of Glasgow—viz., Bachelor of Science (B.Sc.) and Doctor of Science (D.Sc.).

II. Every candidate for the Degree of Bachelor of Science must pass the Preliminary Examination prescribed by Ordinance No. 11 (Regulations for Degrees in Arts); and the conditions with respect thereto imposed by that Ordinance (see pp. 142—145, 151) are applicable in all respects to Ordinance No. 12, except as follows :—(1) French or German may be substituted for Latin or Greek ; (2) Mathematics must be passed on the higher standard[2]; (3) a degree in Arts (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court after consultation with the Senatus, exempts from the Preliminary Examination.

III. (1) Candidates for the Degree of Bachelor of Science must, in the course of not less than three academical years, attend at least seven courses of instruction, in subjects prescribed for examination under Sections VIII. and IX. below.

(2) Three of these courses must be in subjects prescribed for the First Science Examination under Section VIII.; and four must be in subjects prescribed for the Final Science Examination under Section IX.

IV. (1) Four of the seven courses must be taken in this University.

(2) Three may be taken in other Universities or Institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science: Provided that the fees for attendance at an approved Institution or under a recognized teacher in Glasgow shall not be less than the fees exigible for the corresponding courses in the University.

V. All candidates, not matriculated students of the University, availing themselves of the permission to attend lectures at approved Institutions or by recognized teachers in Glasgow, shall at the commencement of each year of such attendance enrol their names in a book to be kept for that purpose in the University, paying a Fee of the same amount as the

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[1] This Ordinance was printed in full in the University Calendar for 1892-93, pp. 485-488, and the modifications made by Ordinance No. 42 were indicated, by means of square brackets, in the University Calendar for 1894-95.

[2] A student who, having passed the Arts Preliminary Examination in accordance with the provisions of Ordinance No. 11, has thereafter obtained a certificate of attendance on a qualifying class of Mathematics, shall not be required to pass any further examination in Mathematics as a condition of entering on the course of study for graduation in Science under the provisions of Ordinance No. 12. See Ordinance No. 44 § v.

Matriculation Fee paid by students of the University, and having in respect of such payment a right to the use of the Library of the University.

VI. (1) After receiving through the Faculty of Science the opinion of the Board of Studies the Senatus determines from time to time the number of meetings of which a full course in any subject shall consist, and reports its determination to the University Court for its approval.

(2) After receiving through the Faculty of Science the opinion of the Board of Studies the Senatus, with the approval of the University Court, may sanction half courses of not less than half the number of meetings which constitute a full course in the subject; but two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

(3) It is the duty of each Professor and Lecturer annually at the end of each winter session to submit to the Board of Studies a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Board of Studies shall transmit the schemes to the Faculty of Science, who shall submit them to the Senate with such observations as they may think fit to make thereon. The Senatus transmits such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.

(4) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Faculty of Science, for its consideration, a syllabus of the subjects and books proposed for the work of their classes during the next Academical Year. The Faculty of Science transmits such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VII. The provisions of the preceding section do not apply to approved Institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any Institutions or teachers unless they shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

VIII. (1) There is a First Science Examination[1] in the three following subjects—viz., (1) Mathematics or Biology (*i.e.*, Zoology and Botany); (2) Natural Philosophy; (3) Chemistry.

(2) The examination in all these subjects is the same as the examination in these subjects for the ordinary degree of Master of Arts.

(3) Candidates may present themselves in any one or more of these subjects at any examination held after they have attended a full course in the subject or subjects professed.

IX. (1) There is a Final Science Examination[1] on a Higher Standard in any three or more of the following subjects:—

1. Mathematics.
2. Natural Philosophy.
3. Astronomy.
4. Chemistry.
5. Human Anatomy, including Anthropology.
6. Physiology.
7. Geology, including Mineralogy.
8. Zoology, including Comparative Anatomy.
9. Botany, including Vegetable Physiology.

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[1] This Examination includes practical work in the subjects admitting of, or requiring it.

(2) The standard of this examination shall be as nearly as possible equivalent to that of the examination for the degree of Master of Arts with Honours, where the subjects are different; and where the subjects are the same the examination shall be identical.

(3) A subject already taken under the preceding section for the First Science Examination may be taken also under this section for the Final Science Examination.

(4) Candidates presenting themselves for this examination must have attended four full courses of higher instruction, including practical or laboratory work, in the subjects professed, subject always to the provisions of Sections VI. and VII. hereof.

(5) The Final Science Examination shall be taken not less than one year after the candidate has passed the First Science Examination.

X. If a student, before passing the Preliminary Examination, has attended a class qualifying for graduation, the Senatus may, on special cause shown, permit him to count such class for graduation, on condition of his passing the full Preliminary Examination within such time thereafter as the Senatus may appoint, and in every case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XI. A candidate for the degree of Bachelor of Science shall not be deemed to have attended a class as part of the curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XII. It is competent to the Examiners for the degree of Bachelor of Science to report that a candidate has passed with special distinction in one or more of the subjects professed by him: and in such a case a diploma shall be given setting forth the subjects in respect ot which the degree has been granted, and the subject or subjects in which special distinction has been obtained.

Degree in Applied Science.

XIII. Degrees in Applied Science may be instituted and conferred according to regulations to be laid down in special Ordinances applicable to each University by the Commissioners under the Universities (Scotland) Act, 1889; or after the expiry of their powers by the University Court in each University.

XIV. The provisions of Sections II. to VIII. of this Ordinance inclusive, in so far as they relate to the Preliminary and First Science Examinations, shall be applicable in all respects to degrees in Applied Science instituted as aforesaid, except where special provision is made to the contrary in the special Ordinances aforesaid.

Doctorate of Science.

XV. Graduates of any University who have held the degree of Bachelor of Science for a term of five years, may offer themselves for the degree of Doctor of Science in the same University.

XVI. A candidate for the degree of Doctor of Science shall present a thesis or a published memoir of work to be approved by the Senatus (on the recommendation of the Faculty of Science when duly constituted): Provided that, if required by the Senatus, the candidate shall also be bound to pass such an examination as may from time to time be determined.

The thesis shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration, signed by him, that the work has been done and the thesis composed by himself.

GENERAL.

XVII. A Student who, at the time when this Ordinance shall come into operation, shall have completed a part of his course of study with a view to graduation in Science in any of the Scottish Universities under regulations in force at the time in such University, and shall thereafter complete his course of study and pass the necessary examinations in conformity with such regulations,[1] or with the provisions of this Ordinance, may become a candidate for the degree of Bachelor of Science.

XVIII. The degrees of Bachelor and Doctor of Science shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum.*

XIX. This Ordinance came into force on 1st October, 1892.

For dates of examinations, see Table on page 170.

Degrees in Science in Engineering.

The following are the provisions of Ordinance No. 23, Glasgow No. 2:—

I. Two Degrees in Science in Engineering may be conferred by the University of Glasgow, viz., Bachelor of Science in Engineering and Doctor of Science in Engineering.

II. Every candidate for the degree of Bachelor of Science in Engineering must pass the Preliminary Examination prescribed by Ordinance No. 11 (Regulations for Degrees in Arts); and the conditions with respect thereto imposed by the said Ordinance (see pp. 142—145, 151) are applicable in all respects to this Ordinance except as follows:—(1) French or German may be substituted for Latin or Greek; (2) Mathematics must be passed on the higher standard; (3) a degree in Arts (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court after consultation with the Senatus Academicus, exempts from the Preliminary Examination; (4) the Preliminary Examination must be passed before the candidate presents himself for any part of the First Science Examination, but not necessarily before the candidate enters on his curriculum.

III. Candidates must in the course of not less than three Academical years attend at least the nine courses of instruction prescribed under Section IX. below.

IV. (1) Five of the nine courses must be taken in this University. One of these courses must be a course in Engineering.

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[1] Students who began their course previous to 1890 may qualify themselves for the Degree of B.Sc. under the old regulations, which are given in the University Calendar for 1884-85; those who began in 1890, or 1891, or 1892, may qualify under the regulations contained in the Calendar for 1892-93.

(2) Four may be taken in other Universities or Institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science in Engineering: Provided that the fees for attendance at an approved Institution in Glasgow or under a recognized teacher there shall not be less than the fees exigible for the corresponding courses in the University of Glasgow.

V. It is competent to the University Court to admit to the examinations for the degree of Bachelor of Science in Engineering, and to graduation, any candidate who presents the diploma of the Glasgow and West of Scotland Technical College, and who has passed the Preliminary Examination hereinbefore appointed: Provided that before such candidate shall be admitted to the Final Science Examination prescribed under Section XI. hereof:—

(1) He shall, after having received the said diploma, have attended in this University at least three full courses, during at least one Academical year; and of these courses one at least shall be in Engineering.

(2) He shall, after having received the said diploma, have attended in this University such courses as will, along with the classes taken at the said College for the said diploma, be equivalent to the whole courses for the curriculum hereinafter instituted.

VI. The University Court may make regulations to enable candidates not matriculated students of the University availing themselves of the permission to attend lectures at approved institutions or by recognized teachers in Glasgow, to obtain on payment of a fee not exceeding in amount the Matriculation Fee paid by the students of the University, a right to the use of the Library of the University.

VII. (1) The Senatus determines from time to time the number of meetings of which a full course in any subject shall consist, and reports its determination to the University Court for its approval.

(2) The Senatus, with the approval of the University Court, may sanction half courses of not less than half the number of meetings which constitute a full course in the subject; and two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

(3) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Senatus a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(4) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Faculty of Science, for its consideration, a syllabus of the subjects and books proposed for the work of their classes during the next Academical year. The Faculty of Science shall transmit such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VIII. The provisions of the preceding section do not apply to approved Institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any Institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the University of Glasgow.

IX. The subjects of study shall be as follows:—

1. Mathematics, including Analytical Geometry, and Differential and Integral Calculus.
2. Natural Philosophy, including Applied Higher Mathematics.
3. Chemistry.
4. A course in the Physical Laboratory, or in the Chemical Laboratory, or of Practical Chemistry.

and either:—

5, 6. Two courses in Engineering, including Laboratory Practice.

7, 8. Two courses of practical work in Drawing.

9. A course in one of the following:—
    - (*a*) Astronomy and Geodesy.
    - (*b*) Geology and Mineralogy.
    - (*c*) Naval Architecture.
    - (*d*) Engineering Laboratory, Mechanical or Electrical (Special Course).
    - (*e*) Electricity—Pure and Applied.

or:—

5, 6. Two courses in Naval Architecture with Marine Engineering.

7, 8. Two courses of practical work in Ship and Engineering Drawing.

9. A course in Engineering, including Laboratory Practice.

Provided that during the three years immediately subsequent to the date on which this Ordinance shall come into force, the courses in Engineering herein prescribed shall not necessarily include Laboratory Practice.

X. (1) There shall be a First Science Examination[1] in subjects 1, 2, 3, and 4 of the Section immediately preceding.

(2) The examination in (1) Mathematics and (2) Natural Philosophy shall include the higher branches of Mathematics specified under Mathematics and the higher Mathematics included under Natural Philosophy in the Section immediately preceding; but it shall be optional to candidates to pass the same examination in either or both of these subjects as that required for the ordinary Degree of Master of Arts: Provided that in that case they shall be required before graduation to pass a subsequent examination in the remainder of the subject or subjects.

(3) Candidates may present themselves in any one or more of the subjects of the First Science Examination at any examination held after they have attended a full course in the subject or subjects professed.

XI. (1) There shall be a Final Science Examination[1] in subjects 5, 6, 7, 8, and 9 of Section IX. hereof; and, if required, in the higher branches of Mathematics as provided in Section X., Subsection 2 hereof.

(2) Candidates may present themselves in any one or more of these subjects at any examination held after they have passed the First Science Examination and have attended the required courses in the subject or subjects professed: Provided that for this purpose subjects 5, 6, 7, and 8, specified in Section IX. hereof, shall be deemed one subject.

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[1] This Examination includes practical work in the subjects admitting of, or requiring it: provided that in the case of Engineering students, a practical examination shall be passed in Chemistry or Physics according as the Chemical or the Physical Laboratory Course has been chosen as part of the qualifying curriculum.

XII. A candidate for the degree of Bachelor of Science in Engineering shall not be deemed to have attended a class as part of the curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XIII. It is competent to the Examiners for the degree of Bachelor of Science in Engineering to report that a candidate has passed with special distinction in one or more of the subjects professed by him ; and in such a case a diploma shall be given setting forth the subjects in respect of which the degree has been granted, and the subject or subjects in which special distinction has been obtained.

XIV. It is competent to the University Court of the University of Glasgow to modify from time to time the provisions as to curriculum hereinbefore contained, in case such modification shall be rendered desirable by the development of Engineering Science, or in consequence of further provisions having been made within or without the University for the study of any special branch of the said Science : Provided that in no case shall the number of full courses of study required be less than the number required for the degree of Bachelor of Science in Pure Science, as specified in Ordinance No. 12.

Doctorate of Science in Engineering.

XV. Graduates of the University of Glasgow who have held the degree of Bachelor of Science in Engineering for a term of five years, may offer themselves for the degree of Doctor of Science in Engineering in the said University.

XVI. A candidate for the degree of Doctor of Science in Engineering shall present a thesis or a published memoir or work to be approved by the Senatus (on the recommendation of the Faculty of Science when duly constituted) : Provided that, if required by the Senatus, the candidate shall be bound to pass such an examination as may from time to time be determined.

The thesis shall be a record of original research undertaken by the candidate, or of important engineering work designed by himself, and actually carried out, and shall be accompanied by a declaration, signed by him, that these conditions have been satisfied.

General.

XVII. Candidates who produce certificates that they have satisfied all the conditions prescribed by this Ordinance, and who have passed the necessary examinations, shall be entitled to receive the degrees of Bachelor of Science in Engineering and Doctor of Science in Engineering, as the case may be, on payment of the Fees required.

XVIII. A student who, at the time when this Ordinance shall come into operation, shall have completed a part of his course of study with a view to graduation in Science in Engineering in the University of Glasgow, under regulations in force at the time therein, and shall thereafter complete his course of study and pass the necessary examinations in conformity with such regulations,[1] or with the provisions of this Ordinance, may become a candidate for the degree of Bachelor of Science in Engineering.

XIX. The degrees of Bachelor and Doctor of Science in Engineering shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XX. This Ordinance came into force from and after the date on which it was approved by Her Majesty in Council.

For dates of examinations see Table on page 170.

Degrees in Science in Agriculture.

The regulations for the Degree of Bachelor of Science in Agriculture are contained in Ordinance No. 134 of the Universities Commissioners (1889), issued on 16th March, 1895, for which see Appendix II.

Certificate of Proficiency in Engineering Science.

Certificates of Proficiency in Engineering Science will be granted to students who shall have gone through the following course of study, practical work, and examinations, to the satisfaction of the Board of Examiners :—

Ordinary Course for the Certificate of Proficiency in Engineering Science.

First Year—

Inorganic Chemistry, 5 days weekly, beginning in Oct., 10 A.M.

(*Chemical Laboratory may be taken in this or any other year, Winter or Summer Session, if selected as part of the course. See below :—Third Year.*)

Mathematics,[2] First or Second Class, 5 days weekly, - - - - - - - - 9 A.M. or 12 noon.

Engineering, Class I., Mondays, Wednesdays, and Fridays, - - - - - - - - 8 A.M.

Engineering Drawing and Calculations.

Second Year—

Natural Philosophy, 5 days weekly, - - - 9 A.M.

Mathematics, either Second or Intermediate Honours Class, 5 days weekly, - 9 A.M. or 12 noon, or 10 A.M.

Geology and Mineralogy, 5 days weekly, beginning in January, - - - - 5.30 P.M.

Engineering, Class II. or III., Tuesdays, Thursdays, and Saturdays (in this or other year), 8 A.M.

Engineering Drawing and Calculations.

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[1] Students who began their course previous to 1890 may qualify themselves for the degree of B.Sc. in Engineering under the old regulations which are given in the University Calendar for 1884-85; those who began in 1890, 1891, or 1892 may qualify under the regulations contained in the Calendar for 1892-93.

[2] Students who, on entering the University, show themselves qualified to enter the Third Mathematical Class, by passing the mathematical part of the Preliminary Examination in Arts are not required to attend the First or the Second Class of Mathematics.

TABLE OF EXAMINATIONS FOR DEGREE OF B.SC., TO BE HELD DURING SESSION 1895-96.

Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[1]	Fee.	Dates of Written Examinations and Hours at which the different Papers will be set. The Oral Examinations in Science follow immediately after the Written.							
19th Sept., 1895	£1 1s. for each subject until £5 5s. shall have been paid.	Sat., 5th Oct.,	Astronomy,	10—12 noon.	Geology,	1—3 p.m.		
		Mon., 7th ,,	Botany,	10—12 noon.	Chemistry,	12.30—2.30 p.m.	Zoology,	3—5 p.m.
		Tues., 8th ,,	Engineering Drawing, etc.,	10—12 noon.	Naval Architecture,	12.30—2.30 p.m.	Ship Drawing, etc.,	3—5 p.m.
		Tues., 8th ,,			Physiology,	12.30—2.30 p.m.	Anatomy,	3—5 p.m.
		Wed., 9th ,,	Civil Engineering,	10—12 noon, and 2—5 p.m.				
		Thur., 10th ,,	Civil Engineering,	10—12 noon, and 2—5 p.m.				
		Fri., 11th ,,	Mathematics,	10—1 p.m., and 2—5 p.m.				
		Sat., 12th ,,	Natural Philosophy,	10—1 p.m., and 2—5 p.m.				
4th Mar., 1896		Sat., 21st Mar.,	Astronomy,	10—12 noon.	Geology,	1—3 p.m.		
		Mon., 23rd ,,	Botany,	10—12 noon.	Chemistry,	12.30—2.30 p.m.	Zoology,	3—5 p.m.
		Tues., 24th ,,	Engineering Drawing, etc.,	10—12 noon.	Naval Architecture,	12.30—2.30 p.m.	Ship Drawing, etc.,	3—5 p.m.
		Tues., 24th ,,			Physiology,	12.30—2.30 p.m.	Anatomy,	3—5 p.m.
		Wed., 25th ,,	Civil Engineering,	10—12 noon, and 2—5 p.m.				
		Thur., 26th ,,	Civil Engineering,	10—12 noon, and 2—5 p.m.				
		Fri., 3rd April,	Mathematics,	10—1 p.m., and 2—5 p.m.				
		Sat., 4th ,,	Natural Philosophy,	10—1 p.m., and 2—5 p.m.				

[1] When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the Candidate can be admitted to examination. A Candidate is not held to be entered for the examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

For dates in regard to Science Preliminary Examination see page 146.

THIRD YEAR—

Intermediate Honours Mathematics, if not previously attended, 5 days weekly, - - - 10 A.M.

Physical Laboratory, about 2 hours on 3 days weekly, or Chemical Laboratory, 5 days weekly ; or the Chemical Laboratory can be attended in any year in summer instead.

Engineering, Class IV., 5 days weekly, - - 9 A.M.

No candidate is admitted to the special Examination for the Certificate, in any department, till he has attended the prescribed course of study in that department.

Attendance on the classes of Mathematics, Natural Philosophy, Chemistry, or Geology, in any Chartered University in the United Kingdom having the power of granting degrees, is admitted as part of the course for the above-mentioned certificate ; but all examinations for the certificate must be passed in this University.

Candidates for Certificates of proficiency in Engineering Science, who are graduates in Arts of any Chartered University of the United Kingdom, are exempted from study and examination in Mathematics and Natural Philosophy.

3.—HIGHER DEGREES IN ARTS AND SCIENCE.

In Ordinance No. 62,[1] issued on 15th February, 1895, the Universities Commissioners made the following regulations for Higher Degrees in Arts and Science :—

DEGREE OF D.SC.

I. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in Mathematics and Natural Philosophy under the conditions prescribed by Ordinance No. 11 [Regulations for Degrees in Arts], or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Science (D.Sc.) in the same University after the expiry of five years from the date of their graduation in Arts, under the same conditions as if they held the degree of Bachelor of Science.

II. Research Students within the meaning of Ordinance No. 61 [Regulations for the Encouragement of Special Study and Research and for the appointment of Research Fellows], may offer themselves for the degree of Doctor of Science of the University in which they have prosecuted some special study or research under that Ordinance, although they have not taken the degree of Bachelor of Science or the degree of Master of Arts with honours as aforesaid, in that University; provided—

(1) That they hold the degree of Bachelor of Science or Bachelor of Medicine of a Scottish or any recognized University, or a degree of any such University, which the Senatus Academicus shall hold to be equivalent to the Degree of Bachelor of Science or to the degree of Master of Arts with first or second class honours in Mathematics and Natural Philosophy ; provided that candidates

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[1] This Ordinance comes into force when approved by Her Majesty in Council.

who hold any such degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students with a view to the degree of Doctor of Science, to pass an examination equivalent to an Honours or to a Final Science examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and that they produce evidence of satisfactory progress in the special study or research undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

III. All candidates for the degree of Doctor of Science shall present a thesis or a published memoir or work, to be approved by the Senatus on the recommendation of the Faculty of Science; provided that, if required by the Senatus, the candidate shall also be bound to pass such an examination conducted orally or practically, or by written papers, or by all of these methods, on the subjects of his special study or of his thesis, as may from time to time be determined. The thesis shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration signed by him that the work has been done and the thesis composed by himself.

Degree of D.Phil.

IV. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in Mental Philosophy, under the conditions prescribed by Ordinance No. 11 [Regulations for Degrees in Arts], or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Philosophy (D. Phil.) in the same University after the expiry of five years from the date of such graduation.

V. Research Students as aforesaid may offer themselves for the degree of Doctor of Philosophy of the University in which they have prosecuted some special study under Ordinance No. 61 [Regulations for the Encouragement of Special Study and Research, and for the appointment of Research Fellows], although they have not taken the degree of Master of Arts with honours as aforesaid in that University; provided—

(1) That they hold the degree of Master of Arts with first or second class honours in Mental Philosophy of any Scottish University, or a degree of any recognized University, which the Senatus Academicus shall hold to be equivalent to such degree with honours as aforesaid; provided that candidates who hold such a degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students, with a view to the degree of Doctor of Philosophy, to pass an examination equivalent to an honours examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and produce evidence of satisfactory progress in the special study undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

VI. All candidates for the degree of Doctor of Philosophy shall present a thesis or a published memoir or work, which shall be an original contribution to learning, to be approved by the Senatus Academicus on the recommendation of a Committee appointed by the Senatus; provided that, if required by the Senatus, a candidate shall also be bound to pass such examination, conducted orally or otherwise, on the subject of his thesis or of his special study as may from time to time be determined. The thesis, or memoir, or work shall be accompanied by a declaration signed by the candidate that it has been composed by himself. If the thesis has not already been published, it shall be published by the candidate in such manner as the Senatus shall approve.

Degree of D.Litt.

VII. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in any group other than Mathematics and Natural Philosophy or Mental Philosophy, under the conditions prescribed by Ordinance No. 11 [Regulations for Degrees in Arts], or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Letters (D.Litt.) in the same University after the expiry of five years from the date of such graduation.

VIII. Research Students as aforesaid may offer themselves for the degree of Doctor of Letters of the University in which they have prosecuted some special study under Ordinance No. 61 [Regulations for the Encouragement of Special Study and Research, and for the Appointment of Research Fellows], although they have not taken the degree of Master of Arts with honours as aforesaid in that University; provided—

(1) That they hold the degree of Master of Arts with first or second class honours in any group except Mathematics and Natural Philosophy or Mental Philosophy of any Scottish University, or a degree of any recognized University, which the Senatus Academicus shall hold to be equivalent to such degree with honours as aforesaid; provided that candidates who hold such a degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students with a view to the degree of Doctor of Letters, to pass an examination equivalent to an honours examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting

the degree, and produce evidence of satisfactory progress in the special study undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

IX. All candidates for the degree of Doctor of Letters shall present a thesis or a published memoir or work, which shall be an original contribution to learning, to be approved by the Senatus Academicus on the recommendation of a Committee appointed by the Senatus; provided that, if required by the Senatus, a candidate shall also be bound to pass such examination, conducted orally or otherwise, on the subject of his thesis or of his special study as may from time to time be determined. The thesis, or memoir, or work shall be accompanied by a declaration signed by the candidate that it has been composed by himself. If the thesis has not already been published, it shall be published by the candidate in such manner as the Senatus shall approve.

GENERAL.

X. The Senatus Academicus in each University shall appoint such Professors or Lecturers as it may think suitable to conduct the examination of candidates who may offer themselves under the provisions either of Ordinance No. 12 [Regulations for Degrees in Science] or of this Ordinance, for the degree of Doctor of Science, Doctor of Philosophy, or Doctor of Letters; and the University Court shall, after consultation with the Senatus Academicus, appoint an additional Examiner to act along with them. Such additional Examiner shall be a person of recognized eminence in the subject of the thesis, or memoir, or work which is to be submitted for approval. The result of the examination shall be reported to the appropriate Faculty or Committee of Senatus.

XI. The degrees of Doctor of Science in Mental Science or Doctor of Science in Philology shall no longer be conferred by any Scottish University.

XII. Candidates who have already completed the necessary attendance on classes required for the degree of Doctor of Science in Mental Science or Doctor of Science in Philology, under regulations hitherto in force in any Scottish University, may proceed to the degree of Doctor of Philosophy, or of Doctor of Letters, as the case may be, under this Ordinance:—provided such candidates comply with the provisions of Section VI. or Section IX. hereof, as the case may be, and that a period of not less than five years shall have elapsed from the date of their graduation as Masters of Arts.

XIII. The degrees of Doctor of Science, Doctor of Philosophy, and Doctor of Letters shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XIV. The fee to be paid for the degree of Doctor of Philosophy shall be ten guineas.

XV. The fee to be paid for the degree of Doctor of Letters shall be ten guineas.

4. GRADUATION IN MEDICINE AND SURGERY.

The Degrees in Medicine and Surgery conferred by this University are all recognized by the Medical Acts as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

Every student who began his medical studies previous to 1st January, 1892, is entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[1] or after that date. All others must fulfil the requirements of the new Ordinance—(Ordinance No. 14, Glasgow No. 1, Regulations for Degrees in Medicine)—the principal provisions of which are as follows:—

I. Four degrees in Medicine and Surgery are conferred by the University of Glasgow, viz., Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the degree of Bachelor of Medicine, and the degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the degree of Bachelor of Surgery.

II. Subject to regulations to be made from time to time by the University Court, the University may also confer diplomas in Special Branches of Medical and Surgical Practice on graduates of the University in Medicine and Surgery.

III. Before commencing his medical studies, each student must pass a Preliminary Examination in (1) English, (2) Latin, (3) Elementary Mathematics, and (4) Greek or French or German: provided always that, in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek.[2]

IV. The extent and standard of the Preliminary Examination shall be determined by the Joint Board of Examiners constituted under Ordinance No. 13—[Regulations as to Examinations]—in accordance with the terms of that Ordinance.

Under this Section the Joint Board have directed that for the Medical Preliminary Examination the papers set in Latin, Greek, and Mathematics, shall be the same as those set on the Lower Standard in these subjects in the Arts and Science Preliminary Examination; and that the papers set in French and German shall be of a lower standard than those set in these subjects in the Arts and Science Preliminary Examination. The papers set in English (i.) in October,

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[1] These regulations are printed at pp. 188-192.

[2] The candidate for the Degrees of Bachelor of Medicine and Bachelor of Surgery must have been registered in the books of the General Medical Council at least five years prior to the date of his graduation. In order to be so registered he must transmit to James Robertson, Esq., the Scottish Branch Registrar, 1 George Square, Edinburgh, together with a printed form of application, which may be obtained from the Assistant-Clerk (Matriculation Office, University), a certificate of having passed the Preliminary Examination.

1895, and in April and October, 1896, shall be of a lower standard than the papers set in this subject in the Arts and Science Preliminary Examination; (ii.) in and after April, 1897, the papers set in English shall no longer be of the same character as the paper on English in the Arts and Science Preliminary Examination; no set books shall be prescribed, nor shall a general knowledge of the life and works of the greater authors be expected of candidates, but one or two questions may be set, giving an opportunity to candidates to show a knowledge of famous literary works. The historical questions shall not be confined to any one period, but shall cover the whole of British History, and shall be set in such a way as to give an opportunity to candidates who have confined their studies to a single period to show their knowledge. A single three hours' paper shall be set, containing an essay, a paraphrase, two questions on History, two on Geography, four on Grammar (including correction of sentences, parsing, analysis of sentences, and derivations), two of a literary and general kind. Eight answers shall be required. The essay, the paraphrase, one answer on History and one on Geography shall be compulsory. In October, 1895, and in April and October; 1896, alternative papers will be set in English, one on the lines laid down in paragraph (i.), and the other on the lines laid down in paragraph (ii.), and candidates may select whichever they prefer.

It shall be in the option of any candidate for the Medical Preliminary to take the papers set on the higher standard for the Arts Preliminary in any of the subjects.

Excellence in one or more subjects will be permitted to compensate in some measure for deficiency in any of the other subjects. Such excellence may be shown either by attaining a high percentage of marks on the lower standard, or by passing on the higher standard.

Candidates who, having taken English, Latin, Greek, Mathematics, or a Modern Language, on the higher standard, as prescribed by the Arts Ordinance for the Arts and Science Preliminary, have obtained a satisfactory percentage of marks, shall be held to have passed the Medical Preliminary in these subjects, provided that all the subjects required by the regulations of the General Medical Council are taken at the same time.

V. The Preliminary Examination is conducted in accordance with the provisions of Ordinance No. 13—[Regulations as to Examinations]—and, subject to the provisions of the immediately succeeding section hereof, the entire examination must be passed at one and the same time.

VI. A degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognized for the purpose by the University Court, shall exempt from the Preliminary Examination; and the Joint Board of Examiners appointed under the provisions of Ordinance No. 13—[Regulations as to Examinations]—shall have power to determine what examinations, other than those for the degrees hereinbefore mentioned, shall be accepted, either in whole or in part, in place of the preliminary examination.

The Joint Board have issued the following rules under the heading—

Examinations accepted as exempting from the Preliminary Examination in Medicine, provided always that the regulations of the General Medical Council regarding the registration of students of Medicine be complied with :—

1. In terms of the Medical Ordinances, "a Degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court, shall exempt from the Preliminary Examination."

2. Any Candidate who produces a Certificate of having passed the Preliminary Examination in Arts or Science in any Scottish University, either at the University Examination or through the Leaving Certificates of the Scotch Education Department, or partly at the University Examination, and partly through the Leaving Certificates, shall be held to have passed the Preliminary Examination for Medicine, provided that the Examination has included the specified subjects of General Education as required under the Regulations of the General Medical Council, and by Section III. of this Ordinance.

3. A Candidate who has obtained the Leaving Certificate (Honours or Higher Grade) of the Scotch Education Department in any subject recognized for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

The Regulation that all the subjects of the Examination shall be passed at one and the same time shall not be held to apply to either of the above cases, 2 and 3. But Candidates complying with these Rules (2 and 3) must obtain a University Certificate specifying the examinations passed by them which have been accepted as equivalents to the Preliminary, and must present said Certificate to the Medical Registrar in order to registration.

Further, each such Candidate when applying for said Certificate must, if he has not entered for any part of the Preliminary, produce a Matriculation Card from some one of the Scottish Universities.

4. Lower Grade Leaving Certificates of the Scotch Education Department will only be accepted as exempting from the Medical Preliminary Examination, provided examinations in all the requisite subjects have been taken and passed at one and the same time.

No Examinations conducted in Scotland, other than those of the Scotch Education Department, will be accepted as equivalent to the Preliminary Examinations in Medicine.

5. The following English and Irish University Examinations will be accepted (provided they include all the subjects required under the regulations of the General Medical Council, and prescribed by Section III. of this Ordinance), viz.:—

OXFORD.—Responsions ; Moderations.
CAMBRIDGE.—Previous Examination.
OXFORD and CAMBRIDGE Schools Examinations.
LONDON.—Matriculation Examination of the University of London.

DUBLIN, TRINITY COLLEGE.—Public Entrance Examination.

ROYAL UNIVERSITY OF IRELAND.—Entrance Examination.

VICTORIA UNIVERSITY.—The Preliminary Examination; the Entrance Examination in Arts.

6. The Examinations of the following Indian, Colonial, and Foreign Universities and Colleges which are accepted by the General Medical Council, will also be accepted (provided the examinations include all the subjects required by the General Medical Council and prescribed by Section III. of this Ordinance), viz.:—

UNIVERSITY OF (1) CALCUTTA, (2) MADRAS, and (3) BOMBAY.—Entrance Examination.

UNIVERSITIES OF (1) M'GILL COLLEGE, MONTREAL; (2) BISHOP'S COLLEGE, MONTREAL; (3) TORONTO; (4) TRINITY COLLEGE, TORONTO; (5) QUEEN'S COLLEGE, KINGSTON; (6) VICTORIA COLLEGE, UPPER CANADA; (7) HALIFAX, NOVA SCOTIA; and (8) FREDERICTON, NEW BRUNSWICK.—Matriculation Examination.

UNIVERSITY OF MOUNT ALLISON COLLEGE, NEW BRUNSWICK.—Examination for a Degree in Arts.

UNIVERSITY OF KING'S COLLEGE, NOVA SCOTIA.—Matriculation Examination; Responsions.

DALHOUSIE COLLEGE AND UNIVERSITY, HALIFAX.—Matriculation and Sessional Examinations.

WESTERN UNIVERSITY OF ONTARIO.—Entrance Examination in Medicine.

UNIVERSITY OF MANITOBA.—Previous Examination.

COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.—Preliminary Examinations.

PROVINCIAL MEDICAL BOARD OF NOVA SCOTIA.—Matriculation Examination.

UNIVERSITY OF MELBOURNE.—Matriculation Examination.

UNIVERSITY OF SYDNEY.—Matriculation Examination.

UNIVERSITY OF THE CAPE OF GOOD HOPE.—Matriculation Examination; Examination for a Degree in Arts.

UNIVERSITY OF ADELAIDE.—Matriculation Examination; or its substitute, the Senior or Junior Public Examination.

CODRINGTON COLLEGE (BARBADOES).—English Certificate for Students of two years' standing, and Latin Certificate, or "Testamur."

TASMANIAN COUNCIL OF EDUCATION.—Examination for the Degree of Associate of Arts.

UNIVERSITY OF NEW ZEALAND.—Entrance Examination.

UNIVERSITY OF OTAGO.—Preliminary Examination.

CHRIST'S COLLEGE, CANTERBURY, NEW ZEALAND.—Voluntary Examinations.

CEYLON MEDICAL COLLEGE.—Preliminary Examination (Primary Class).

GERMANY AND OTHER CONTINENTAL COUNTRIES.—Gymnasial Abiturienten-Examen, and corresponding Entrance Examinations to the Universities.

7. In the case of Candidates for the Medical Preliminary Examination, who hold qualifications from Foreign or Colonial Bodies, other than Universities, whose certificates are not included in the list of Equivalent Examinations issued by the Joint Board, a Committee in each University, consisting of the Deans of the Faculties of Arts, Science, and Medicine, are empowered to accept such certificates, if they deem them sufficient, provided that all such cases are reported to the Joint Board at their meeting next following.

Professional Education.

VII. Candidates shall be admitted to the degree of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions :—

1. The candidate must have been engaged in medical study for at least five years.
2. In each of the first four years the candidate must have attended at least two courses of instruction, in one or more of the subjects of study specified in Sub-section 4 hereof—each course extending over a session of not less than five months, either continuous or divided into two terms ; or, alternatively, one such course, along with two courses, each extending over a session of not less than two and a half months.
3. During the fifth or final year the candidate shall be engaged in clinical study for at least nine months at one or more of such public hospitals or dispensaries, British or Foreign, as may be recognized for the purpose by the University Court.
4. The candidate must, during his curriculum, have attended a course or courses of instruction in each of the following subjects of study, including such examinations as may be prescribed in the various classes, viz. :—

1. Anatomy, - - - - - - - -	During a course of not less than five months.
2. Practical Anatomy, - - - - -	During two courses of not less than five months each.
3. Chemistry, - - - - - - - -	During courses of not less than five months.
4. Materia Medica and Therapeutics, - -	
5. Physiology or Institutes of Medicine, -	
6. Practice of Medicine, - - - - -	
7. Surgery, - - - - - - - - -	
8. Midwifery and the Diseases peculiar to Women and Infants. Two courses of Midwifery, of three months each, provided different departments of Obstetric Medicine be taught in each of the courses, shall be reckoned equivalent to a course of not less than five months, - - - - -	
9. Pathology, - - - - - - - -	
10. Practical Chemistry, - - - - . -	During courses of not less than two and a half months.
11. Physics (including the Dynamics of Solids, Liquids, and Gases, and the Rudiments of Sound, Heat, Light, and Electricity),	
12. Elementary Botany, - - - - - -	
13. Elementary Zoology, - - - - -	
14. Practical Physiology, - - - - -	
15. Practical Pathology, - - - - -	
16. Medical Jurisprudence and Public Health,	

Provided always, in so far as regards the University of Glasgow, that—

(*a*) It shall be the duty of the Senatus to determine from time to time [after receiving through the Faculty of Medicine the opinion of the Board of Studies] the number of meetings of which such courses shall consist, and in what cases two half courses shall be deemed equivalent to a full course ; and to report the determination to the University Court for its approval.[1]

(*b*) It shall be the duty of the Professors and Lecturers to submit to the Senatus [after 1st October, 1894, the Board of Studies] annually at the end of the winter session a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. [The Board of Studies shall transmit the schemes to the Faculty of Medicine, who shall submit them to the Senate with such observations as they may think fit to make thereon.] The Senatus shall transmit such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.[1]

(*c*) The University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

5. The candidate must have attended for at least three years the Medical and Surgical Practice of a General Hospital at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons, and is recognized for the purpose by the University Court.[2]
6. The candidate must have attended Clinical Surgery during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Surgery, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary surgeons of a general hospital defined and recognized as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
7. The candidate must have attended Clinical Medicine during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Medicine or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary physicians of a general hospital defined and recognized as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.

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[1] The Universities Commissioners, on 18th November, 1893, ordained that for the better carrying out of the purposes of these provisos the Senate should institute a Board or Boards of Studies in the Faculty of Medicine. See Section 1., Ordinance No. 42, which received the approval of Her Majesty in Council on 28th May, 1894. The provisions of this supplementary Ordinance have, in the text, been combined with the provisions of the original Ordinance, by means of square brackets.

[2] On 7th October, 1892, the University Court recognized every General Hospital in the United Kingdom which accommodates not fewer than eighty patients, *and possesses a distinct staff of physicians and surgeons.*

8. The candidate must have attended a course of instruction in Mental Diseases, of such duration, and so apportioned between lectures, demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time determine.

9. The candidate must have attended a course of twenty-five meetings on Practical Pharmacy in a University or recognized School of Medicine, or have dispensed drugs for a period of three months in an hospital or dispensary, or in an establishment recognized by the Pharmaceutical Society, *i.e.*, in *the establishment of any chemist and druggist or pharmaceutical chemist of Great Britain, or any pharmaceutical chemist of Ireland, who is registered in the books of the Pharmaceutical Society of Great Britain or of the Pharmaceutical Society of Ireland respectively.*[1]

10. The candidate must have attended, for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or the practice of a dispensary, or of a physician or surgeon, or of a member of the London or Dublin Society of Apothecaries. He must have acted as clerk in the medical and dresser in the surgical wards of a public hospital; and must also have availed himself, to such an extent as may be required by the Senatus, with the approval of the University Court, of opportunities of studying at an hospital or dispensary, *Post-mortem* Examinations, Fevers, Diseases of Children, Ophthalmology, or such other special departments as may from time to time be determined.

11. The candidate must have attended, under the superintendence of a registered medical practitioner, twelve cases of labour, or such additional number as the Senatus, with the sanction of the University Court, may from time to time determine; or have attended for three months the practice of a lying-in hospital, or of the maternity department of a general hospital or other public charitable institution, and have conducted personally six, or such an additional number of cases of labour as the Senatus, with the approval of the University Court, may from time to time determine.

12. The candidate must have been properly instructed in Vaccination at a Public Vaccination Station, by a Public Vaccinator, authorized by the proper Government Authority to grant Certificates of Proficiency in Vaccination.[2]

13. No candidate for a degree shall be deemed to have attended a class as part of the Curriculum necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

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[1] The explanatory words in italics are taken from Ordinance No. 54, Section II., issued by the Universities Commissioners on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

[2] The recognized Vaccine Departments in Glasgow are—Western Infirmary, Royal Infirmary, and Faculty of Physicians and Surgeons.

VIII. With respect to the Places and Institutions at which the studies of the Candidate may be prosecuted, the following Regulations shall have effect:—

1. Two of the five years of medical study must be spent in the University of Glasgow, each year of study including always the attendances specified in Section VII., Sub-section 2.
2. The remaining three years may be spent in any University of the United Kingdom, or in any Indian, Colonial, or Foreign University recognized for the purpose by the University Court, or in such Medical Schools or under such Teachers as may be recognized for the purpose by the University Court, each year of study during the first four years including always the attendances specified in Section VII., Sub-section 2.
3. Of the subjects of study specified in Section VII., Sub-section 4, not less than eight must be taken in the University of Glasgow, or (subject always to the provisions as to attendance contained in the immediately preceding sub-sections) in some other University of the United Kingdom, or in some Foreign or Colonial University entitled to confer the Degree of Doctor of Medicine recognized for the purpose by the University Court, or in a College incorporated with, or affiliated to a University entitled to confer the Degree of Doctor of Medicine recognized for the purpose by the University Court: Provided always that where in any of said subjects of study two or more courses are required, the taking of one of those courses shall constitute a taking of the subject for the purpose of this sub-section.
4. The remainder of such subjects of study may (subject always as aforesaid) be taken in such Medical Schools or under such Teachers as may be recognized for the purpose by the University Court.
5. All Candidates, not Matriculated Students of the University, availing themselves of the permission to attend the Lectures of Extra-Academical Teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a Fee of the same amount as the Matriculation Fee paid by Students of the University, and having, in respect of such payment, a right to the use of the Library of the University.
6. The Fee for attendance, for purposes of graduation, on the courses of instruction of recognized Extra-Academical Teachers in Glasgow, shall be not less than the amount exigible for the corresponding courses in the University.
7. The University Court shall not recognize as qualifying for examination in any of the subjects specified in Section VII., Sub-section 4, the class of any teacher who is at the time a teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects: Provided always that a Professor or other teacher in any endowed public College or Institution, who by the terms of his appointment is required to teach more than one subject of Medical Study therein, may be recognized under Sub-section 2 of this section, as a teacher of any one of the subjects which he teaches.

8. A teacher, attendance on whose course of instruction shall, before the date of the approval of this Ordinance by her Majesty in Council, have been recognised for the purposes of graduation in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such teacher may continue to be recognised as heretofore.
9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspend any recognition which it may have granted.

IX. In the University of Glasgow it shall be the duty of the Professors of the subjects specified in Section VII., Sub-section 4 hereof (except Practical Anatomy and such other subjects as the Senatus, with the approval of the University Court, may from time to time determine), so to conduct the courses that Students may receive instruction sufficient for graduation in any one of the said subjects by attendance on one course of five or six months, or of two and a half or three months, as the case may be.[1].

X. If any candidate shall, before presenting himself for his Preliminary Examination, have attended in any University of the United Kingdom, or in any University or Institution specially approved, or under any Teacher specially recognised for the purpose by the University Court, a course or courses of instruction in Physics, Chemistry, Botany, or Zoology, equivalent in the judgment of the Senatus to the qualifying course in the same subject in the University of Glasgow, such attendance shall (notwithstanding anything hereinbefore ordained) be held as entitling him to be examined in these subjects; and if the candidate shall have attended such course or courses in each of the said subjects, he shall be held to have completed his first year of Medical Study: Provided always that the evidence of such attendance at such equivalent course or courses shall be presented to the Senatus at the time when the candidate presents himself for his Preliminary Examination; and the Senatus shall, if satisfied, grant a certificate to that effect; provided also that *the provisions of this section shall not have effect except where the University Court shall allow their application after a report by the Senatus Academicus, setting forth special grounds therefor in the case of any candidate named in the report.*[2]

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[1] Doubt being entertained as to the construction of this Section, the question was submitted to the Universities Commissioners, and evoked from them the following deliverance :—

It is not intended to require of the Professor a complete course of instruction by lectures during each session, or to limit the examinations for degrees to subjects which shall be discussed in the lectures of the Professor at the time that the student attended the course. The word "instruction," as used in this Section, is to be held to include lectures upon such parts of the subject as the Professor may be able to overtake, supplemented by directions as to the use of text-books or other sources of information for the remainder of the subject: and it is also intended that the examinations may be taken over the whole field, even when the Professor has not been able to include it all in his course of lectures.

[2] The proviso in italics is taken from Ordinance No. 54, § v., issued by the Universities Commissioners on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

PROFESSIONAL EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.[1]

XI. Each candidate shall be examined both in writing and orally, and also clinically where the nature of the subject admits, in the following divisions, viz.:—*First*, in Botany, Zoology, Physics, and Chemistry; *Second*, in Anatomy, Physiology, and Materia Medica and Therapeutics; *Third*, in Pathology and Medical Jurisprudence and Public Health; *Fourth*, in Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery.

In subjects which admit of practical instruction, the examination shall be such as to test the practical acquirements of the candidate.

Provided always that if a candidate have obtained in a University of the United Kingdom, or other University specially recognized for the purpose by the University Court, a Degree in Science or in Arts, granted in either case after a course of study and an examination in Botany, Zoology, Physics, and Chemistry, he shall be held to have passed his examinations in the said subjects.

Provided also that *if a candidate have completed in a University of the United Kingdom a course of study and passed an examination in Botany, Zoology, Physics, or Chemistry qualifying for a Degree in Science or in Arts, he shall be held to have passed the examinations in such subject or subjects.*

If a candidate have obtained a Degree in Science or in Arts in any University other than a University of the United Kingdom, granted in either case after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, it shall be in the power of the University Court to exempt such candidate from the examinations in such subject or subjects; provided that the course of study and the standard of examination in each case are satisfactory in the judgment of the Senatus Academicus.[2]

XII. Candidates who profess themselves ready to submit to an examination in the subjects comprised in the first division, viz.:—Botany, Zoology, Physics, and Chemistry, may be admitted to examination in all or any two of these subjects at any examination held after they have attended a full course in each of the subjects professed.

XIII. Candidates who have passed their examination in the subjects comprised in the first division may be admitted to examination in the second division at the end of the third winter session.

Provided that candidates who so desire may postpone their examination in Materia Medica and Therapeutics until the close of the summer session following.

XIV. Candidates who have passed their examinations in the subjects comprised in the first and second divisions may be admitted to examination in the third division at the end of the fourth winter session.

Provided that candidates who so desire may postpone their examination in Medical Jurisprudence and Public Health until the close of the summer session following.

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[1] For Table of Fees and dates of examinations see page 193.

[2] The words in italics are taken from Ordinance No. 54, §§ iii. and iv., issued by the Universities Commissioners on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

XV. Candidates who have passed their examinations in the subjects comprised in the first, second, and third divisions may be admitted to examination in the fourth or final division, when they have completed the fifth year of study.

XVI. If any candidate at these examinations be found unqualified in one or more subjects he shall not again be admitted to examination unless he has pursued his medical studies for such time, and subject to such conditions, as the Faculty of Medicine may prescribe.

XVII. If any candidate at these examinations be found to have passed in one or more subjects with sufficient merit, he shall not be liable to re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects comprised in the same division as hereinbefore specified.

XVIII. Every candidate must deliver, on or before such day as the Senatus may from time to time determine, to the Dean of the Faculty of Medicine, a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation, and that he will not be, on the day of graduation, under articles of apprenticeship to any surgeon or other master.

XIX. After the candidate has satisfied the Examiners, the Dean of the Faculty of Medicine shall lay the proceedings before the Senatus, by whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.[1]

XX. Candidates for graduation shall produce evidence of their having conformed to the Regulations which were in force at the time they commenced their Medical Studies: provided that any student who began his medical studies before 1st January, 1892, shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[2] or after that date.

PROFESSIONAL EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.

XXI. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged subsequently to having received the degrees of Bachelor of Medicine and Bachelor of Surgery for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in Practice other than Practice restricted to Surgery.

2. Each Candidate for the Degree of Doctor of Medicine shall be

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[1] For Table of Fees and dates of examination see page 193.

[2] These regulations are printed at pp. 188—192.

required to pass an examination in Clinical Medicine and in such of its special departments as the Senatus, with the approval of the University Court, by Regulations framed from time to time, shall determine ; and he may present himself for examination in Clinical Medicine at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects which are exclusively Surgical ; and the Thesis, accompanied by a declaration signed by the candidate, that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.

4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such degrees on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to the examination in Clinical Medicine at any period of examination after he has received such Degrees ; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively surgical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

Bachelors of Medicine and Masters of Surgery of the University of Glasgow, who have graduated under the regulations in force before the fifth day of August, 1892, *may proceed to the Degree of Doctor of Medicine under the provisions of this section, in the same manner as if they held the Degree of Bachelor of Surgery.*[1]

Professional Examination for Degree of Master of Surgery.

XXII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged, subsequently to his having received the

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[1] Taken from Ordinance No. 54, § vi., which was issued by the Universities Commissioners on 18th July, 1894, and came into operation on 11th May, 1895, having on that date been approved by Her Majesty in Council.

Degrees of Bachelor of Medicine and Bachelor of Surgery, for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in practice other than practice restricted to Medicine.

2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects:—Surgical Anatomy, Operations upon the dead body, and Clinical Surgery, and in such of the special departments of Clinical Surgery as the Senatus, with the approval of the University Court, by Regulations framed from time to time, may determine; and he may present himself for examination in these subjects at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.
3. Each candidate for the Degree of Master of Surgery shall submit, for the approval of the Faculty of Medicine, a Thesis on any branch of knowledge comprised in the second, third, or fourth Examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects that are exclusively medical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.
4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering, within twelve months after obtaining such degrees, on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to examination in the subjects specified in Sub-section 2 of this Section, at any period of examination after he has received such Degrees; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in practice which has not been exclusively medical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

FEES.

XXIII. The fee to be paid for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be ten guineas, exclusive of any stamp duty which for the time may be exigible. The fee to be paid for the Degree of Master of Surgery shall be ten guineas.

Examiners.

XXIV. The Examiners for graduation in Medicine in the University of Glasgow shall be the Professors in that University, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary. Provided that the Court shall make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, of whom one shall not be a Professor or Lecturer in the University. The examinations shall be conducted in writing and orally and also clinically, when the nature of the subject admits, under regulations framed by the Senatus subject to the approval of the University Court.

Regulations in Force Previous to 1st January, 1892.

Three Medical Degrees are conferred by this University, viz.:—Bachelor of Medicine (M.B.); Master in Surgery (C.M.); and Doctor of Medicine (M.D.); all of which are recognized by the Medical Acts as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

The Degrees of Bachelor of Medicine and Master in Surgery may be obtained by candidates of the age of 21 years who have complied with the regulations as to Education and Examination.

The Degree of Master in Surgery shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Medicine, nor shall the Degree of Bachelor of Medicine be conferred on any one who does not at the same time obtain the Degree of Master in Surgery.

The following rules and directions apply to the Degrees of Bachelor of Medicine and Master in Surgery:—

PROFESSIONAL EDUCATION.

1. *Duration and Constitution of the Curriculum.*—No one shall be admitted to the Degree of Bachelor of Medicine or Master in Surgery who has not been engaged in medical and surgical study for four years,—the medical session of each year, or *Annus Medicus*, being constituted by at least two courses of not less than one hundred lectures each, or by one such course and two courses of not less than fifty lectures each; but in the case of the Clinical Courses, it shall be sufficient that the lectures be given at least twice a week during the prescribed periods.

One at least of the four years of medical and surgical study above required must be in the University of Glasgow.

Another of such four years must be either in the University of Glasgow, or in some other University entitled to give the Degree of Doctor of Medicine.

Attendance during at least six winter months on the medical or surgical practice of a general hospital which accommodates at least eighty patients, and during the same period on a course of Practical Anatomy, may be reckoned as one of such four years, and to that extent shall be held equivalent to one year's attendance on courses of lectures, as above prescribed.

One year's attendance on the Lectures or Teachers of Medicine in the Hospital Schools of London, or in the School of the College of Surgeons in Dublin, may be reckoned as one of such four years; and to that extent shall be held as attendance on courses of lectures as above prescribed.

Attendance on the lectures of any private Teacher or Teachers of Medicine whose lectures have, by regulation of the University Court, with consent of the Chancellor of the University, been recognized for the purpose of graduation in the University, may be reckoned in place of the year's attendance last above mentioned, or as part thereof, as the case may be.

Candidates may, to the extent of four of the departments of medical study enumerated in "required courses of instruction," attend in such year or years of their medical and surgical studies as may be most convenient to them, the lectures of the Teachers of Medicine specified in the two immediately preceding paragraphs.[1]

All candidates availing themselves of the permission to attend the lectures of private Teachers, and not being at the time matriculated students of the University, must, at the commencement of the year of such attendance, enrol their names in a book kept by the University for that purpose, paying a fee of one-half the amount of the matriculation fee paid by students of the University; but they shall not be thereby entitled to any of the privileges of a matriculated student of the University.

The fee for attendance on the lectures of any private Teacher, with a view to graduation, shall not be of less amount than that exigible by Medical Professors of the University for the same course of instruction. (*The fees must be paid at the commencement of the course.*)

No attendance on Lectures shall be reckoned, if the Teacher gives instruction in more than one of the prescribed branches of study, except in those cases where Professors of the University are at liberty to teach more than one branch.

2. *Required Courses of Instruction.*—Every candidate for the Degrees of Bachelor of Medicine and Master in Surgery shall give sufficient evidence by certificates:—

(1.) That he has studied each of the following departments of medical science, viz.:—

ANATOMY,	During courses including not less than one hundred lectures.
CHEMISTRY,	
MATERIA MEDICA and PHARMACY,	
INSTITUTES OF MEDICINE or PHYSIOLOGY,	
PRACTICE OF MEDICINE,	
SURGERY,	
MIDWIFERY and the DISEASES peculiar to WOMEN and CHILDREN; two courses of Midwifery, of three months each,[2] being reckoned equivalent to a six months' course, provided different departments of Obstetric Medicine be taught in each of the courses,	

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[1] In Provincial Medical Schools where there are no Lecturers recognized by the University Court, a candidate can complete only one *Annus Medicus*, constituted by attendance at a General Hospital accommodating not fewer than 80 patients, along with a course of Practical Anatomy.

[2] The Fee for each course of Midwifery of three months is £2 2s.

PATHOLOGICAL ANATOMY, during a three months' course of lectures, together with a supplemental course of Practice of Medicine or Clinical Medicine; or a course of not less than one hundred lectures on General Pathology.	
PRACTICAL ANATOMY,	Six months.
PRACTICAL CHEMISTRY,	Three months.
PRACTICAL MIDWIFERY,	Three months on the indoor practice of a Lying-in Hospital, or presence at not less than twelve labours, at least three of which must be conducted personally by the candidate under the direct supervision of a Registered Practitioner.
CLINICAL MEDICINE,	During courses of six months, or two courses of three months; lectures being given at least twice a week.
CLINICAL SURGERY,	
MEDICAL JURISPRUDENCE,	During courses including not less than fifty lectures.
BOTANY,	
ZOOLOGY WITH COMPARATIVE ANATOMY,	

(2.) That he has attended for at least two years the medical and surgical practice of a general hospital either at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons.

(3.) That he has attended, during a course of not less than fifty hours' instruction, the class of Practical Materia Medica in the University of Glasgow; or a similar class in a University or School of Medicine, attendance on which is recognized by the Ordinance; or a similar class conducted by a teacher recognized by the University Court under the Ordinance; or that he has been engaged for at least three months, by apprenticeship or otherwise, in compounding and dispensing drugs at the laboratory of an hospital, dispensary, member of a Surgical College or Faculty, of a licentiate of the London or Dublin Society of Apothecaries, or of a member of the Pharmaceutical Society of Great Britain. [Students are recommended to take the class of Pharmacology and Practical Pharmacy in the summer before their attendance on the course of Materia Medica; but attendance on such a course cannot be substituted for attendance on the course of systematic Lectures on Materia Medica, which must be taken before the third Professional Examination.]

(4.) That he has attended for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or the practice of a dispensary, or of a physician, surgeon, or member of the London or Dublin Society of Apothecaries.

VACCINATION.—The candidate must produce a certificate from a recognized Vaccination department in an hospital, dispensary, or other public institution, that he has performed the operation successfully under the Teacher's supervision; that he is familiar with the different stages of the vaccine vesicle, and with the mode of preserving lymph, and is generally well instructed in the subject.[1]

PROFESSIONAL EXAMINATIONS.

By orders of Her Majesty in Council, dated 13th August, 1877, 23rd August, 1883, 27th January, 1885, and 26th March, 1885, the following are the arrangements for Professional Examinations:—

1. Every candidate for the Degrees of Bachelor of Medicine and Master in Surgery shall be examined both in writing and *viva voce*—first, on Chemistry, Botany, and Natural History; second, on Anatomy and Physiology; third, on Regional Anatomy, and Materia Medica and Pharmacy; and fourth, on Surgery, Clinical Surgery, Medicine, Clinical Medicine, Pathology, Midwifery, and Medical Jurisprudence. The Examination in Chemistry shall include Practical Chemistry; and the Examinations in Anatomy and Physiology shall include Practical Anatomy, Histology, and Practical Physiology; and the Examination in Surgery shall include Operative Surgery.
2. Students may appear for examination in the first of the foregoing divisions of subjects who have completed their attendance on the required courses during one winter and one summer session: provided always that students shall not be admitted to such examination at an earlier date than the period of examination immediately preceding their second winter session of professional study; and that students who commenced their medical studies in the summer session shall not be admitted to a degree in medicine unless their course of study, subsequent to the completion of the summer session in which they commenced their medical studies, shall not be less than the minimum course of four years prescribed by this Ordinance.
3. Students who have passed the first examination may appear for examination in the second division of subjects, after having completed their attendance on the requisite courses (including those of the subjects of examination) after the lapse of two winter and three summer sessions from the time of the commencement of their studies: provided always that students who have commenced their medical studies with a winter session may appear for examination in the second division of subjects, after the lapse of two winter and two summer sessions from the time of the commencement of their studies.
4. Students who have passed the two previous examinations may appear for examination in the third division of subjects at any of the terms fixed for examination by the Senate, after the conclusion of the third winter session of attendance upon Medical Classes (including those of the required subjects).
5. Students who have passed the examinations in the subjects of the three previous divisions may appear for examination in the subjects of the fourth division at the first term for the final examination after the conclusion of their curriculum of study.

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[1] The recognized Vaccine Departments in Glasgow are—Western Infirmary, Royal Infirmary, and Faculty of Physicians and Surgeons.

In addition, the following regulations will be observed:—

1. The examinations shall be conducted by written papers and by oral examinations. A practical knowledge of the subject is also required.
2. Candidates must produce certificates of satisfactory attendance on the courses belonging to each division before presenting themselves for these examinations, and no candidate is allowed to enrol himself for the Second, Third, or Fourth examination without having passed the immediately preceding examination.
3. Previous to appearing for the final examination, the candidate must produce a declaration in his own handwriting that on the day of graduation he will have completed his twenty-first year and will not be under articles of apprenticeship.
4. At the professional examinations candidates will as far as possible be examined orally in the alphabetical order of their surnames.
5. If any candidate, on examination, be found unqualified, he shall not be again admitted to examination unless he shall have completed another year of medical study, or such portion of another year as may be fixed by the Examiners when he is found unqualified.
6. Every candidate must matriculate at the University for the year in which he enters for professional examination or for graduation.

The examinations are conducted by the Professors of the Faculty of Medicine, together with the other Examiners appointed by the University Court.

DEGREE OF DOCTOR OF MEDICINE.

The Degree of Doctor of Medicine may be conferred on any candidate who has obtained the degree of Bachelor of Medicine, and is of the age of twenty-four years, and has been engaged, subsequently to his having obtained the degree of Bachelor of Medicine, for at least two years in attendance on an hospital, or in the Military or Naval medical service, or in medical or surgical practice: Provided always that the degree of Doctor of Medicine shall not be conferred on any person, unless he be a graduate in Arts within the fifth section of the Ordinance, or unless he shall have passed a satisfactory examination in Greek, and in Logic or Moral Philosophy, and in one, at least, of the following subjects—namely, French, German, Higher Mathematics, Natural Philosophy, and Natural History. Provided also that each candidate for the degree of Doctor of Medicine shall present an Inaugural Dissertation composed by himself to be approved by the Senatus Academicus. Such Dissertations or Theses[1] must be lodged with the Assistant-Clerk (Matriculation Office), on or before 1st February, 1st June, or 1st October. No Thesis will be approved of unless it gives evidence of original observation, or, if it deal with the researches of others, gives a full statement of the literature of the question, with accurate references and critical investigation of the views or facts cited: mere compilations will in no case be accepted. The fees for the Degree of M.D. amount to £15 8s. (including the sum of £10 3s. for Government stamp, etc.).

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[1] Candidates are requested to have their Theses bound before sending them in.

TABLE OF EXAMINATIONS FOR DEGREES IN MEDICINE TO BE HELD DURING SESSION 1895-96.

Fees.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[1]	Dates of Written Examinations and Hours at which the different Papers will be set. Printed Schedules with detailed instructions for filling up may be obtained from the Assistant-Clerk (Matriculation Office). The Professional Oral Examinations follow immediately after the Written.							
Under the Old Regulations the Fee for each Professional Examination is £5 5s.; under the New, the Fees are—First, £6 6s.; Second, £6 6s.; Third, £5 5s.; Fourth, £5 5s.	19th September, 1895,	Mon.,	7th Oct., 1895,	Botany - - -	10—12 noon.	Chemistry -	12.30—2.30 p.m.	Zoology -	3—5 p.m.
		Tues.,	8th ,, ,,	Physics - - -	10—12 noon.				
		Tues.,	8th ,, ,,			Physiology -	12.30—2.30 p.m.	Anatomy	3—5 p.m.
		Wed.,	9th ,, ,,	Reg. Anat. (O.R.)	10—12 noon.	Mat. Med. and Therap. -	12.30—2.30 p.m.	Pathology	3—5 p.m.
	4th March, 1896,	Mon.,	23rd Mar., 1896,	Botany - - -	10—12 noon.	Chemistry -	12.30—2.30 p.m.	Zoology -	3—5 p.m.
		Tues.,	24th ,, ,,	Physics - - -	10—12 noon.				
		Tues.,	24th ,, ,,			Physiology -	12.30—2.30 p.m.	Anatomy	3—5 p.m.
		Wed.,	25th ,, ,,	Reg. Anat. (O.R.)	10—12 noon.	Mat. Med. and Therap. -	12.30—2.30 p.m.	Pathology	3—5 p.m.
	12th May, 1896,	Mon.,	8th June (*Clinical Examinations begin*).			Fri., 3rd July (*Operative Surgery Examination begins*).			
		Mon.,	6th July, ,,			Medical Jurisprudence	at 1 p.m.		
		Tues.,	7th ,, ,,	Practice of Medicine	at 10 a.m.	Pathology - -	at 1 p.m.		
		Wed.,	8th ,, ,,	Surgery - - -	at 10 a.m.	Midwifery - -	at 1 p.m.		
				The Oral Examinations will begin about the 9th July.					

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[1] When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the Candidate can be enrolled for examination. A Candidate is not held to be enrolled for examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

For dates in regard to Medical Preliminary Examination, see page 146.

DIPLOMA IN PUBLIC HEALTH.

The following are the regulations as to instruction in Public Health and as to examinations for the Diploma in Public Health :—

I. The University provides instruction in Public Health by Laboratory training and otherwise.

II. The subjects of instruction are :—

Duties of Health Officer, Air and Ventilation, Food and its Adulterations, Water and Water Supply, Sewerage and Drainage ; Construction of Hospitals, Public Buildings, and Dwellings ; Overcrowding, Manufactories, Insalubrious Trades, Cemeteries, Nuisances, Quarantine, Disinfectants and Deodorizers, Outbreaks of Zymotic Diseases ; Climate, Topographical and Seasonal : its influences in relation to Health and Disease ; Geographical Distribution of Diseases ; Knowledge of leading Sanitary Acts of Parliament, Vital Statistics.

III. The Laboratory training is provided in a special department of the Chemical Laboratory. Practical instruction is given in the following subjects :—

(*a*) *Water.*—Qualitative examination : Colour, odour, and suspended matters. Quantitative examination : ammonia, albuminoid ammonia, nitric and nitrous acids, sulphuric and phosphoric acids, chlorine, total solids, lime, magnesia, alkalies, silica in solution, the hardness before and after boiling ; Clark's process for softening water ; explanations and illustrations of methods employed to purify water by chemical processes and by filtration.

(*b*) *Air.*—Qualitative and quantitative examination for gaseous impurities and suspended matters.

(*c*) *Water and Air.*—Bacteriological methods of examination. Micro-organisms, moulds, and fungi, and their identification. Pure cultures.

(*d*) *Soils.*—Nature and examination of soils ; ground-water, sewage.

(*e*) *Antiseptics and Disinfection.*—The relative value of various antiseptics and disinfectants and the methods of employing them.

(*f*) *Foods.*—Quantitative examination of milk, butter, tea, coffee, sugar, alcoholic beverages, aerated waters for poisonous substances. Qualitative examination of bread and flour, of cereal, farinaceous, and other food substances and condiments ; chemical and microscopic examination for common adulterations, colouring matters, animal organisms, and poisonous substances ; examination of food substances for fungoid growths, and poisonous substances resulting from the same.

(*g*) *Diseases of Animals.*—The Pathology of Diseases of Animals transmissible to Man.

IV. The Diploma in Public Health may be obtained by any Bachelor of Medicine of this University on his passing the required examination, provided that a period of not less than twelve months shall have elapsed between his taking the degree of M.B. and his admission to the examination or any part thereof.

V. Every candidate for a Diploma in Public Health shall give sufficient evidence by certificates :—

1. That after obtaining the Degree of M.B. he has attended during six months practical instruction in a Laboratory or Laboratories, approved of by the University, in which Chemistry, Bacteriology, and the Pathology of the Diseases of Animals transmissible to Man are taught.
2. That he has, during a period of six months, after obtaining the degree of M.B., either practically studied the duties of out-door Sanitary work under the Medical Officer[1] of Health of a County or large Urban District, or else has himself held an appointment as Medical Officer of Health under conditions not requiring the possession of a Special Sanitary Diploma.
3. That he has attended the Clinical Practice of a Hospital for Infectious Diseases recognized by the University, provided that such a course of instruction may have been taken as part of the curriculum for his degree of M.B.

VI. The examination shall be conducted by Examiners specially qualified ; it shall be written, practical, and oral ; and shall extend over not less than four days, one of which shall be devoted to practical work in a Laboratory, and one to practical examination in, and reporting on, subjects which fall within the special out-door duties of a Medical Officer of Health.

The subjects of examination are as follows :—

A. Physics, Meteorology, and Climatology, with special reference to Heat and Ventilation, Water supply, Drainage, and the Geographical distribution of Disease.

B. Chemistry and Biology.—The composition and analysis

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[1] The certificate of an Assistant Officer of Health of a County or a large Urban District may be accepted, provided the Medical Officer of Health of the County or District consents to the Assistant Officer giving such instruction.

(qualitative and quantitative) of Air, Water, and Sewage; detection of poisons and recognition of injurious pigments; the composition and adulteration of foods and beverages; diseased and putrid food; Bacteriology; microscopic examination of Air, Water, Foods, and Beverages.

c. General Hygiene.—Duties of Medical Officer of Health; Nature and Construction of Dietaries; Sanitary arrangements of Houses, Hospitals, Workshops, Factories, Towns, including Interpretation of Plans; Ventilation, Water Supply, Sewerage, Disposal of the Dead; Ætiology, Prophylaxis, and Control of Infectious Diseases; Unhealthy occupations; Practical examination and written report on some selected area or premises.

d. Sanitary Law and Vital Statistics.—Laws relating to Public Health, Vaccination, and Registration of births, marriages, and deaths; Methods and results of Vital Statistics, chiefly in relation to the birth, marriage, and death rate of communities.

VII. The Fee for the course of instruction shall be £10 10s., and for the Examination £5 5s.

GRADUATION.

The terms for conferring Medical and Surgical Degrees in Session 1895-96 are 7th November, 1895; 6th February, 1896; 14th April, 1896; and 23rd July, 1896.

Candidates proceeding to Graduation, if not already Members of the General Council of the University, are required by the Act, 44 and 45 Vict. Ch. 40, to pay to the Registrar of the General Council the Registration Fee, and furnish to him the particulars required for their enrolment in the General Council. This should in all cases be done at least two clear days before the day of Graduation.

In accordance with the Promissory Oaths Act, 1868, a Declaration in the following English form is now substituted for the Latin Oath, or Sponsio Academica,[1] formerly required to be taken and subscribed by every candidate on Graduation:—

I do solemnly and sincerely declare, that, as a Graduate in Medicine of the University of Glasgow, I will exercise the several parts of my profession, to the best of my knowledge and abilities, for the good, safety, and welfare of all persons committing themselves, or committed to my care and direction; and that I will not knowingly or intentionally do anything or administer anything to them to their hurt or prejudice, for any consideration, or from any motive whatever. And I further declare, that I will keep silence as to anything I have seen or heard while visiting the sick which it would be improper to divulge. And I make this solemn declaration in virtue of the Provisions of the Promissory Oaths Act, 1868, substituting a Declaration for Oaths in certain cases.

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[1] *The Sponsio Academica was in these words:*—Testor Deum omnipotentem me hoc Iusjurandum pro virili servaturum; Victus rationem aegris commodam et salutarem praescripturum: nullius intercessione nec sponte noxium pharmacum cuiquam propinaturum; sed sancte et caste vitam artemque meam instituturum: In quascunque domos intravero ad aegrotantium duntaxat salutem ingressurum et ab omni injuria inferenda procul futurum: Quaecunque inter curandum videro audiverove siquidem ea efferre non expediat silentio suppressurum.

REGISTRATION OF MEDICAL PRACTITIONERS.

Graduates should register as soon as possible with the Branch Registrar for Scotland, at 1 George Square, Edinburgh. Fee £5. Additional Qualifications, 5s. each. Forms of application may be had from the Assistant-Clerk (Matriculation Office).

5.—GRADUATION IN LAW.

Two Degrees in Law are conferred, after examination, by the University of Glasgow, viz., Bachelor of Laws (LL.B.) and Bachelor of Law (B.L.).

By regulation of the Faculty of Advocates, any one who has obtained the Degree of LL.B. from a Scottish University is held qualified in General Scholarship and Law with a view to admission to the Bar, without examination or other evidence of such qualification.

By the Law Agents Act, 36 and 37 Vict., c. 63, the holder of a Degree in Law or in Arts of a University in Great Britain or Ireland, granted after examination, is qualified to apply for admission as a Law Agent after an apprenticeship of three years, instead of five, as required in the ordinary case ; and by act of Sederunt of 20th July, 1878, any applicant who holds the Degree of LL.B. or of B.L. of any Scottish University is exempted from any examination in Law before the Examiners of Law Agents, excepting only on forms of Process, Civil and Criminal, and a similar provision is contained in the Act of Sederunt of 18th March, 1893.

Degree of LL.B.

The following are the provisions of Ordinance No. 39, General No. 11, which, having been approved by Her Majesty in Council on 28th May, 1894, applies to all students who, after 30th September, 1894, began their course of study with a view to Graduation in Law.

I. No one shall be admitted to examination as a Candidate for the Degree of Bachelor of Laws (LL.B.) unless he be a Graduate in Arts of one of the Universities of the United Kingdom ; or of any Foreign or Colonial University specially recognized for the purpose by the University Court.

II. The course of study in Law for the Degree of Bachelor of Laws shall include the following subjects:—

(1) Jurisprudence, General or Comparative, during a course of not less than forty lectures.

(2) The Law of Nations or Public International Law, during a course of not less than forty lectures.

(3) Civil Law, during a course of not less than eighty lectures.

(4) Law of Scotland, or Law of England, during a course of not less than eighty lectures.

(5) Constitutional Law and History, during a course of not less than eighty lectures.

(6) Conveyancing, during a course of not less than eighty lectures; or Political Economy, or Mercantile Law, during a course of not less than eighty lectures.

(7) Any two of the following subjects, namely:—International Private Law, Political Economy, Administrative Law, and Forensic Medicine; in each case during a course of not less than forty lectures.

III. (1) The course of study necessary for the Degree of Bachelor of Laws shall extend over three academical years, one of which at least must be spent in the University in which the Candidate intends to graduate, the other two may have been spent in any other University or School of Law, specially recognized by the University Court.

(2) No Candidate for a degree shall be deemed to have attended a class as part of the course of study necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

IV. Candidates must undergo examination in the subjects prescribed in Section II. hereof; and they must pass at one examination in at least two of these subjects. Before presenting themselves in any subject the candidates must have attended the requisite course of instruction in such subject. Candidates who have passed an examination for another degree in any of the said prescribed subjects in the same University may be exempted from examination in such subject or subjects, provided that the examiners are satisfied that the previous examination in such subject or subjects has been passed on a sufficiently high standard.

V. Every Candidate for the Degree of Bachelor of Laws shall be examined both orally and in writing on each of the subjects in the course of study above prescribed in which he presents himself for examination.

VI. (1) Distinction may be awarded to Candidates who have displayed exceptional merit in their examinations.

(2) For the Degree of Bachelor of Laws a diploma shall be given, setting forth the subjects in which the Candidate has passed, and the distinction (if any) he has attained.

VII. The Examiners shall be the Professors of or Lecturers on the subjects included in the said examinations, and additional Examiners appointed by the University Court. The mode of conducting the examination shall be fixed from time to time by the Senatus Academicus.

VIII. Every student who at the time when this Ordinance shall come into operation shall have completed a part of his course with a view to Graduation as Bachelor of Laws in any Scottish University, under

Regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such Regulations, may become a Candidate for the Degree of Bachelor of Laws without complying with the provisions of this Ordinance.

IX. Ordinance numbered 75 of the Commissioners under the Universities (Scotland) Act, 1858, is hereby repealed, in so far as it is inconsistent with this Ordinance.

X. This Ordinance shall come into force at the beginning of the first academical year after the date on which it is approved by Her Majesty in Council.

Degree of B.L.

The following are the provisions of Ordinance No. 40, General No. 12, which, having been approved by Her Majesty in Council on 28th May, 1894, applies to all students who, after 30th September, 1894, began their course of study with a view to Graduation in Law.

I. No one shall be admitted to Examination as a Candidate for the Degree of Bachelor of Law (B.L.) unless he be a Graduate in Arts of one of the Universities of the United Kingdom, or of any Foreign or Colonial University specially recognized for the purpose by the University Court; or until he shall have passed—

A. The Preliminary Examination in the Faculty of Arts, or its equivalent, as specified in Ordinance No. 11 [General No. 6.—Regulations for Degrees in Arts]; and

B. An Examination in one of the Scottish Universities, to be conducted by the Examiners in Arts, in the following subjects, on the Standard of examination for the Ordinary Degree of Master of Arts:—

(1) Logic and Psychology; or, in the option of the Candidate, Moral Philosophy.

(2) Latin.

(3) One additional Arts subject, not being one of those which belong also to the Faculty of Law.

And he must have studied at least one of these subjects in a full course in a Scottish University, or an equivalent course in another University approved by the University Court.

II. The course of study in Law necessary for the Degree of Bachelor of Law shall include the following subjects:—

1. Civil Law, during a course of not less than eighty lectures; or a half-course in Civil Law where in any University a full course is not available; provided that in the latter case, candidates who are not already graduates in Arts shall be required to take in addition a course in such subject in Arts as may be sanctioned by the Senatus Academicus, or a half-course in one or other of the following branches of Law:—
    - (*a*) Jurisprudence, General or Comparative.
    - (*b*) The Law of Nations, or Public International Law.
    - (*c*) Constitutional Law and History.
    - (*d*) International Private Law.
    - (*e*) Mercantile Law.
    - (*f*) Administrative Law.
2. Law of Scotland, during a course of not less than eighty lectures.
3. Conveyancing, during a course of not less than eighty lectures.

4. Forensic Medicine during a course of not less than forty meetings of the class; or, in the option of the Candidate, a half-course in one of the branches of Law specified in Subsection 1 of this Section if not already taken.

III. (1) The course of study in Law necessary for the Degree of Bachelor of Law shall extend over two academical years.

(2) No Candidate for a degree shall be deemed to have attended a class as part of the course of study necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

(3) The Candidate may prosecute his studies during the prescribed two years in one Scottish University, or in different Scottish Universities, or in a Scottish University and a University or School of Law specially recognized by the University Court; but one at least of these years must have been spent, and all the Examinations in the subjects mentioned in the preceding Section must have been passed, at the University in which he intends to graduate.

IV. The Candidate for the Degree of Bachelor of Law must undergo examination and pass in the four or more subjects selected by him; but he may present himself for examination in one subject or group of subjects at a time, provided that he has completed the course of study for such subject or group of subjects, and provided also that in that case a higher standard of proficiency shall be exacted.

V. Every Candidate for the Degree of Bachelor of Law shall be examined, both orally and in writing, on each of the subjects in the course of study above prescribed, in which he presents himself for Examination.

VI. (1) Distinction may be awarded to Candidates who have displayed exceptional merit in their Examinations.

(2) For the Degree of Bachelor of Law a Diploma shall be given, setting forth the subjects in which the Candidate has passed, and the distinction (if any) he has attained.

VII. The Examiners shall be the Professors of and Lecturers on the subjects included in the said Examinations, and additional Examiners appointed by the University Court. The mode of conducting the examinations shall be fixed from time to time by the Senatus Academicus.

VIII. Every student who at the time when this Ordinance shall come into operation shall have completed a part of his course with a view to Graduation as a Bachelor of Law in any Scottish University under Regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such Regulations, may become a Candidate for the Degree of Bachelor of Law without complying with the provisions of this Ordinance.

IX. Ordinance numbered 75 of the Commissioners under the Universities (Scotland) Act, 1858, is hereby repealed, in so far as it is inconsistent with this Ordinance.

X. This Ordinance shall come into force at the beginning of the first Academical year after the date on which it is approved by Her Majesty in Council.

REGULATIONS APPLICABLE TO ALL WHO BEGAN THEIR COURSE WITH A VIEW TO GRADUATION IN LAW BEFORE 1ST OCTOBER, 1894.

I. No one shall hereafter be admitted as a candidate for the Degree of Bachelor of Laws (LL.B.) unless he be a graduate in Arts of a recognized University.

II. The course of study in Law necessary for the Degree of Bachelor of Laws shall extend over three academical years, and shall include attendance on a distinct course in each of the six following departments, viz. :—

1. CIVIL LAW,	During Courses of not less than Eighty Lectures each.
2. LAW OF SCOTLAND,	
3. CONVEYANCING,	
4. PUBLIC LAW,	During Courses of not less than Forty Lectures each.
5. CONSTITUTIONAL LAW AND HISTORY,	
6. MEDICAL JURISPRUDENCE,	

III. No one shall be admitted as a candidate for this Degree in any University unless two at least of the three academical years of his course of study in Law shall have been in such University.

IV. Candidates for the Degree of Bachelor of Laws shall be examined, both in writing and *viva voce*, on each of the six departments of Law above specified.

V. The Examiners, in judging of the qualifications of candidates, shall have special regard to their acquirements in the two departments of Public Law and Constitutional Law and History.

IX. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Law (B.L.) in the University of Glasgow unless he be a Graduate in Arts, qualified as prescribed in section I. (*supra*), or unless he shall have passed a satisfactory examination in Latin, and in any three of the following subjects (Logic or Mathematics being always one of the three), viz. :—(*a*) Greek, with the alternative of French or German, (*b*) Logic, (*c*) Moral Philosophy, (*d*) Mathematics, (*e*) Natural Philosophy, and (*f*) English Literature ; and further, shall have studied, during at least two academical years, two or more of the above branches, in one or more of the Universities mentioned in section I. The examinations shall be conducted by Examiners in Arts, together with some of the Law Examiners. The following are the subjects of Preliminary Examination under this section :—

ARTS SUBJECTS.—The examination in the Arts Subjects under section IX. will be the same as that for the Degree of M.A.

FRENCH.—*Montesquieu's* Esprit des Lois, Books i. to v. ; *Voltaire's* Charles XII. ; *Molière's* Le Bourgeois Gentilhomme ; *Victor Hugo*, First Division of Selections (Poésie) contained in L'Œuvre Complète de Victor Hugo (Extraits), Paris, Hetzel-Quantin, 1885. Some knowledge of the matter of the books prescribed as well as of their text is required. A passage from a work not prescribed may also be set. Moderate proficiency in French Prose Composition is required. Questions on French Grammar, Philology, and History will also be set. For these subjects reference may be made to *Saintsbury's* Primer of French Literature, *Brachet's* Historical French Grammar, or *Clapin's* Primer of French Philology, and *Charlotte Yonge's* Primer of French History.

GERMAN.—*Von Ihering*, Der Kampf um's Recht ; *Schiller*, Die Belagerung von Antwerpen ; *Lessing*, Minna von Barnhelm ; *Goethe*, Hermann und Dorothea. Translation, Composition, and Grammatical and Historical Knowledge will be required, as in French. Reference may be made to *Gostwick and Harrison's* German Literature, or *Selss'* Outline of the Literature of Germany ; and *Sime's* History of Germany (Macmillan's Hist. Course for Schools).

X. The course of study in Law necessary for the Degree of Bachelor of Law in the University of Glasgow shall extend over at least two academical years, and shall include attendance on a distinct course, as specified in section II., in each of the three departments of Civil Law, Law of Scotland, and Conveyancing, and in any one of the other three departments of Law mentioned in that section ; provided always that in lieu of Civil Law, or one of the last-mentioned three departments of Law, attendance on a distinct course of Moral Philosophy shall be admitted as sufficient, or in the event of Moral Philosophy having been selected by a candidate as one of the three optional subjects of Preliminary Examination, then attendance on a distinct course of Political Economy shall be admitted in lieu of Civil Law or one of the said other three departments of Law. No one shall be admitted to examination as a Candidate for the said Degree unless two academical years of his course of study in Law shall have been in the University of Glasgow. The candidates shall be examined in each of the departments in which they shall have given attendance as herein required.

XIII. Any candidate who, before the approval of the present alteration by Her Majesty in Council, may, with a view to Graduation in the University, have passed an examination in any of the subjects hereby required for the Degree of B.L., shall be entitled to reckon such examination as an examination in the same subject or subjects for the purposes of the said Degree.

SUBJECTS OF EXAMINATION.

The examinations for LL.B. and B.L. in Session 1895-96 will embrace the following books and subjects, viz. :—

In Civil Law.—Institutes of Justinian (Ed. Moyle or Sandars) and the Class Lectures; also Dig. Lib. XVIII. Tit. I.—translated and annotated by Mackintosh—Roman Law of Sale.

In the Law of Scotland.—Bell's Principles of the Law of Scotland, and the Professor's Lectures.

In Conveyancing.—Professor A. M. Bell's Lectures on Conveyancing. The constitution, transmission, and extinction of Heritable Rights according to the Law of Scotland.

In Mercantile Law.—Bell's Commentaries by M'Laren, vol. I., pages 546 to 678; Scrutton's Merchant Shipping Act, 1894; Carver on Carriage by Sea, 2nd edition; Arnould on Marine Insurance, 6th edition; Thorburn's Bills of Exchange Act, 1882; Buckley on the Companies Acts, 6th edition.

In Jurisprudence, General or Comparative.—Holland's Jurisprudence (5th or 6th edition); Maine's Ancient Law; Miller's Philosophy of Law. Reference may also be made to Hearn's The Aryan Household, and Sidgwick's Elements of Politics.

In the Law of Nations, or Public International Law.—Hall's International Law. Candidates are expected to show a general acquaintance with the history of Modern Europe. Pitt Cobbett's Leading Cases, and Tudor's Leading Cases in Mercantile and Maritime Law will be found useful for reference.

NOTE.—Candidates under the old regulations for LL.B. are required to sit also at the papers on Jurisprudence and International Private Law.

In International Private Law.—Guthrie's Savigny; Foote's Private International Jurisprudence may also be referred to.

In Constitutional Law and History.—(1) The outlines of English Constitutional History; (2) Existing Constitutional Law. Authorities recommended—Taswell-Langmead's English Constitutional History; Stubbs' Select Charters (Introductory Sketch only); Anson's Law and Custom of the Constitution, vol. I.; Dicey's Law of the Constitution; Leading Cases in Constitutional Law, by Thomas.

In Medical Jurisprudence.—Infanticide; Concealment of Pregnancy; Rape; Wounds; Identity; Presumption of Survivorship; General Evidence in Cases of Poisoning; Poisoning by Arsenic; Examination of Blood Stains; Legitimacy; Insanity. (Text-Book, Principles of Forensic Medicine, by Guy and Ferrier.)

In Political Economy.—The subjects of examination for the Degree of M.A. (see p. 66).

In other Arts Subjects—The subjects of examination for the Degree of M.A.

No candidate for the Degree of B.L. is admitted to an Examination in Law Subjects until he has passed in all the subjects of the Preliminary Examination, and under the old regulations not fewer than two subjects in Law can be taken up at one examination.

TABLE OF EXAMINATIONS FOR DEGREES IN LAW, TO BE HELD DURING SESSION 1895-96.

Fee.[1]	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[2]	Subjects of Examination.	Dates of Written Examinations and Hours at which the different Papers will be set.					
			October, 1895.			March, 1896.		
£1 1s. on each entry for Examination, and balance, if any, before Graduation. Total Fees—LL.B. £5 5s., B.L. £3 3s.	25th September or 3rd March,	Scots Law, - - -	Tues.,	8th Oct.,	9—12 noon.	Mon.,	23rd Mar.,	9—12 noon.
		Jurisprudence, -	,,	,, ,,	9—12 noon.	Thurs.,	26th ,,	9—12 noon.
		Public Internat. Law, Internat. Private Law,	,,	,, ,,	2—5 p.m.	Mon.,	23rd ,,	2—5 p.m.
		Civil Law, - - -	Wed.,	9th ,,	9—12 noon.	Tues.,	24th ,,	9—12 noon.
		Constitut. Law & Hist.,	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Conveyancing, - -	Thurs.,	10th ,,	9—12 noon.	Wed.,	25th ,,	9—12 noon.
		Forensic Medicine, -	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Mercantile Law, -	Fri.,	11th ,,	10—1 p.m.	Fri.,	27th ,,	10—1 p.m.

For dates of the Preliminary Examination and of the Examinations in Arts Subjects necessary for B.L., see pp. 146 and 161.

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[1] Under the new regulations the Fee for LL.B. is £6 6s.; for B.L., £5 5s.

[2] When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the Candidate can be enrolled for examination. A Candidate is not held to be enrolled for examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

6.—GRADUATION IN DIVINITY.

Degree of Bachelor of Divinity.

In Ordinance No. 63,[1] issued on 4th February, 1895, the Universities Commissioners laid down the following regulations for this Degree :—

I. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Divinity (B.D.) in any University unless he be (1) a graduate in Arts of that University, and have taken a complete Theological Course in a Scottish University or Universities, or in an institution or institutions specially recognized for the purpose of this Ordinance by the University Court, or partly in a Scottish University or Universities and partly in such institution or institutions; or (2) a graduate in Arts of any Scottish University or other University specially recognized as aforesaid, and have completed his Theological Course, of which not less than two years' attendance shall have been given in the University in which he presents himself for examination.

II. The examination shall in all cases be conducted at the seat of the University granting the degree, and the Examiners shall be the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court. The mode of conducting the examination shall be fixed from time to time by the Senatus Academicus.

III. Every student who at the time when this Ordinance shall come into operation shall have completed a part of his Theological Course with a view to graduation as Bachelor of Divinity in any Scottish University, under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Divinity without complying with the provisions of this Ordinance.

IV. The Degree of Bachelor of Divinity shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

This Degree is conferred on such qualified candidates as have satisfied the Examiners of their proficiency in the following departments, viz. :—

I. Hebrew, New Testament Exegesis, and Apologetics.
II. Divinity, Church History, and Biblical Criticism.

The scheme of examination for Session 1895-96 is as follows :—

I. FIRST DEPARTMENT—

(*a*) *Hebrew.*—(1) Second Book of Samuel, Text and Exegesis; (2) Jeremiah, i.-xx., and Psalms xc.-cvi., Text, Exegesis, and Introduction; (3) Portions of unpointed Hebrew to be punctuated; (4) Translations from English into Hebrew.

Books that may be used :

Driver's Notes on the Hebrew Text of the Books of Samuel; Budde's Books of Samuel in Hebrew; the relative Commentaries of Cheyne, Delitzsch, Perowne, Keil, and Giesebrecht; the Introductions to the Old Testament by Bleek and Driver. Candidates will be expected to know Müller's Outlines of Hebrew Syntax.

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[1] This Ordinance will come into force at 1st October, 1895, if approved by Her Majesty in Council before that date.

(*b*) *New Testament Exegesis.*—(1) Introduction to the Gospel according to Matthew. (2) Exegesis of Matthew iv. 17–xvi. 12, with critical comparison of the parallel passages in Mark and Luke. (3) Exegesis of the Epistles to the Corinthians.

Books which may be consulted:

(1) and (2) The relative Commentaries of Meyer, De Wette, or Alford; Bleek, Synoptische Erklärung der drei ersten Evangelien; (3) The Commentaries of Meyer, Alford, Stanley, Beet, Schmiedel.

(*c*) *Apologetics.*—Ideas of Religion and Revelation; Messianic Prophecy.

Books which may be consulted:

The relative sections of general treatises on Apologetics or Dogmatics [see II., below]; Krauss, Lehre von der Offenbarung; Voigt, Fundamental-Dogmatik; Ewald, Revelation; Fairbairn, Prophecy; Delitzsch, Riehm, Gloag, Briggs on Messianic Prophecy.

II. SECOND DEPARTMENT—

(*a*) *Divinity.*—Doctrine of the Trinity; Subjective Soteriology; Biblical Theology—The Synoptic Gospels.

The following books may be consulted:

The Treatises on Dogmatics by Martensen, Oosterzee, Kahnis, Lipsius, Dorner, Biedermann, Nitzsch; Hodge, Systematic Theology; Strong, Systematic Theology; Baur, Lehre von der Dreieinigkeit; Köstlin, Der Glaube; Schmid, Weiss, Oosterzee, Beyschlag, on Biblical Theology of the New Testament; Reuss, History of Christian Theology in the Apostolic Age; Wendt, Teaching of Jesus.

(*b*) *Church History.*—The German and Swiss Reformations.

The following are among the books which may be consulted: The Histories of the Reformation, by D'Aubigné, Ranke, Schaff: Ranke. History of the Popes; Creighton, History of the Papacy.

(*c*) *Biblical Criticism.*—(1) Textual Criticism. (2) Hermeneutics.

Books which may be consulted:

(1) Davidson, Biblical Criticism; Tregelles, Treatise in Horne's Introduction, vol. IV.; Scrivener, Introduction to the Criticism of the New Testament (fourth edition); Westcott and Hort, Prolegomena to the Greek Testament. (2) Davidson, Sacred Hermeneutics (1843), or Treatise on Interpretation in Horne's Introduction, vol. II.; Ernesti, Institutio Interpretis; Immer, Hermeneutik des Neuen Testamentes.

TABLE OF EXAMINATIONS FOR DEGREES IN DIVINITY, FOR BLACK THEOLOGICAL FELLOWSHIP, FOR FINDLATER SCHOLARSHIP, AND FOR JAMIESON PRIZE, TO BE HELD DURING SESSION 1895-96.

Department.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[1]	Fee.	Dates of Written Examinations and Hours at which the different Papers will be set.		
First.	25th October, 1895.	£2 12s. 6d.	Wed., 30th Oct., 1895.	Hebrew,	10—1 p.m.
			,, ,,	Hebrew,	2—5 p.m.
			Thurs., 31st Oct., 1895.	Apologetics,	10—1 p.m.
			,, ,,	New Testament Exegesis,	2—5 p.m.
Second.	20th March, 1896.	£2 12s. 6d.	Thurs., 26th Mar., 1896.	Divinity,	10—1 p.m.
			,, ,,	Textual Criticism,	2—4 p.m.
			Frid., 27th Mar., 1896.	Church History,	10—1 p.m.
			,, ,,	Hermeneutics,	2—4 p.m.

[1] Forms of application for examination may be obtained at the Matriculation Office. These forms, when filled up, must be forwarded by the Candidates to the Dean of the Faculty of Theology, along with certificates of attendance on the required classes, and, having been certified by him, must then be transmitted to the Assistant-Clerk (Matriculation Office), on or before the date prescribed above.

The scheme of examination for Session 1896-97 will be as follows:—

I. First Department—

(*a*) *Hebrew.*—(1) Jeremiah xxi.–li.; (2) Psalms cvii.–cl.; (3) Portions of unpointed Hebrew to be punctuated and translated; (4) Translations from English into Hebrew.

(*b*) *New Testament Exegesis.*—(1) Introduction to the Acts of the Apostles; (2) Exegesis of Mark i. 1—x. 45, with critical comparison of the parallel passages in Matthew and Luke; (3) Exegesis of the Epistle to the Galatians.

(*c*) *Apologetics.*—Antitheistic Theories; Inspiration.

II. Second Department—

(*a*) *Divinity.*—Doctrine of Christ's Person and Work; Biblical Theology—Discourses in Book of Acts and First Epistle of Peter.

(*b*) *Church History.*—From A.D. 70 to A.D. 451.

(*c*) *Biblical Criticism.*—(1) Textual Criticism; (2) Hermeneutics.

Students who have completed the second year of their Divinity studies, subsequent to the termination of their Course in Arts, may present themselves for examination in the First Department.

7.—HONORARY DEGREES.

The powers of the Senatus Academicus to grant Honorary Degrees are regulated by Ordinance No. 41 of the Universities Commissioners (1889), of date 13th December, 1893, which received the approval of Her Majesty in Council on 28th May, 1894.

Degree of Doctor of Divinity.

The following are the regulations for the Degree of D.D.:

I. At the commencement of every session, the Senatus Academicus in each University shall appoint a Committee, to be called the Committee on the Degree of Doctor of Divinity, consisting of the Principal, three Professors from the Faculty of Theology (of whom the Professor of Divinity shall be one), and three other Professors to be selected by the Senatus Academicus from the other Faculties.

II. It shall be the duty of this Committee to select persons to be recommended to the Senatus Academicus for the Degree; but the Committee shall not entertain applications from or on behalf of persons desirous of receiving the Degree.

III. The Committee shall present a reasoned report, embodying its recommendations to the Senatus.

IV. In the case of every person recommended for the Degree, the report shall contain a statement of the grounds on which the recommendation is founded, specifying such particulars as the Senatus may from time to time require.

Under this regulation the Senate requires the following particulars to be specified, viz.:—

- (*a*) Whether he is an alumnus of this University, and whether he already holds the Degree of B.D., or any other University Degree.
- (*b*) Whether his character and professional standing are such as to warrant the conferring of the proposed distinction.
- (*c*) Whether, (1) being a Bachelor of Divinity of eight years' standing, he has passed a higher examination in any three of the six subjects embraced in the examination for the Degree of B.D.; or, (2) being a Bachelor of Divinity of fifteen years' standing, he has published a contribution of merit to Theological Literature.

V. No resolution to confer the Degree of Doctor of Divinity shall be moved in the Senatus except upon special notice given after a fortnight has elapsed from the date when the report of the Committee shall have been presented.

Degree of Doctor of Laws.

The following are the regulations for the Degree of LL.D.:—

I. At the commencement of every session, the Senatus Academicus in each University shall appoint a Committee, to be called the Committee on the Degree of Doctor of Laws, consisting of the Principal and such Professors selected from the various Faculties as the Senatus Academicus may determine, provided that the total number of the Committee shall not exceed twelve.

II. It shall be the duty of this Committee to select persons to be recommended to the Senatus for the Degree, but the Committee shall not entertain applications from or on behalf of persons desirous of receiving the Degree.

III. The Committee shall present to the Senatus a reasoned report, embodying its recommendations.

IV. In the case of every person recommended for the Degree, the report shall contain a statement of the grounds on which the recommendation is founded, specifying such particulars as the Senatus may from time to time require.

Under this regulation the Senate requires the following particulars to be specified, viz.:—

- (*a*) Whether he is an alumnus of this or any other University, and whether he already holds any Academical Degree.
- (*b*) Whether he is the author of any work of acknowledged merit, or has otherwise contributed to the progress of learning and science.
- (*c*) And, in general, whether his character, profession, and position in society are such as to warrant the conferring of the proposed distinction.

V. No resolution to confer the Degree of Doctor of Laws shall be moved in the Senatus except upon special notice given after a fortnight has elapsed from the date when the report of the Committee shall have been presented.

Academic Dress.

GRADUATES OF THE UNIVERSITY.

On ceremonial occasions the Graduates are expected to appear in the Gown and Hood proper to their degrees.

The ordinary Gowns to be worn by Graduates of the University of Glasgow are of black silk or stuff, of similar shape to those appropriated to the corresponding degrees in the other British Universities.[1]

The Hoods for the different Degrees, as approved by the University Court, on 19th May, 1893, are as follows :—

B.A., Black Silk, bordered inside with Red Purple Silk (colour of Bell Heather—*Erica Cinerea*).

M.A., Black Silk, lined with Red Purple Silk.

B.Sc., Black Silk, bordered with Scarlet Cloth and lined with Gold Coloured Silk (colour of Whin Blossom—*Ulex Europœa*).

D.Sc., Scarlet Cloth, lined with Gold Coloured Silk.

B.L., Black Silk, with an inside border of Venetian Red Silk (colour of Clove Carnations).

LL.B., Black Silk, bordered with Scarlet Cloth and lined with Venetian Red Silk.

LL.D., Scarlet Cloth, lined with Venetian Red Silk.

M.B. and C.M., Black Silk, bordered with Scarlet Cloth and lined with Scarlet Silk.

M.D., Scarlet Cloth, lined with Scarlet Silk.

B.D., Black Silk, bordered with Scarlet Cloth and lined with a light Cherry Silk.

D.D., Scarlet Cloth, lined with White Silk.

UNDER-GRADUATES.

By a Statute of the Commissioners appointed by the Act, 1690, chapter XVII., of the Parliament of Scotland, "for the Visitation of Universities and Schools," it was enacted that "all the students in the several Universities and Colleges within this kingdom be obliged to wear gowns during the time of the sitting of the Colleges," and that "the Regents or Masters be obliged to wear black gowns, and the students red gowns ; and, in regard that wearing of gowns has never been the custom in the College of Edinburgh, the Commissioners do therefore recommend to the Masters of that College to endeavour to bring the custom of wearing gowns there into practice." It appears from the University records that the wearing of red gowns had been previously the practice in Glasgow, and it continued to be the practice in all the Arts classes which existed at the date of this statute uninterruptedly till recently.

The General Council of this University having requested the University Court to recommend to the Senate the propriety of requiring the students to conform to the ancient practice of this University as to Academic dress ; and the University Court having remitted the subject to the determination of the Senate, with an expression of regret that the Academical Dress formerly worn by the Arts students has of late years been laid aside, the Senate has given notice that the proper Academic Dress for students in Arts is the red gown.

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[1] The Robemakers to the University have standard patterns of the gowns, which, it may be stated for the information of those at a distance, are of the same shape with the ordinary (or undress) gowns of the corresponding degrees at Cambridge.

While this notice does not apply to students not in the Faculty of Arts, all students in the University are entitled to wear the red gown.

Ceremony of Graduation.

The following are the regulations adopted by the Senate :—

All degrees honorary or gained by examination, shall be publicly conferred, except in special cases to be decided by the Senate.

Candidates for Graduation are required to appear in black gowns with the hoods appropriate to their degrees ; those who are already graduates, in the costume proper to their previous degree.

IX.—BURSARIES, SCHOLARSHIPS, &c., PRIZES.

N.B.—No alumnus of the University is allowed to hold at one time more than one Bursary, Scholarship, or Fellowship, except in cases provided for by the Regulations. In the case of Bursaries in the gift of the Senate, in appointing to which "a preference" is to be given to certain names, &c., by a "preference" the Senate understand, in every instance, a preference *cæteris paribus*.

A. BURSARIES ARRANGED ACCORDING TO FACULTIES.

BURSARIES IN THE FACULTY OF THEOLOGY.

Bursars in the Faculty of Theology are required to attend each session the Divinity Class and any two of the three classes of Hebrew, Church History, and Biblical Criticism.

Foundation.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Adam, John, - - - - -	3	4	£15
Black, - - - - - - -	2	3	£42
Boyd and Sanders, - - - -	1	3	£13 16/8
Boyd and Wilson, - - - -	1	3	£24 6/8
Brown or Ettles, - - - -	2	3	£25
Dundonald,- - - - - - -	6	3	£41 2/6
Gilhagie and Struthers, - - -	1	3	£19 12/8
Hamilton, - - - - - - -	3	3	£25
Hastie, - - - - - - -	2	3	£25
King William's, - - - - - -	2	3	£20
Logan, - - - - - - -	1	3	£16
Lorimer, - - - - - - -	4	3	£25 and £20
Lumsden, - - - - - - -	1	4	£15
Macfarlane, James, - - - -	1	3	£36
Marshall, - - - - - - -	1	4	£17
Morgan, - - - - - - -	8	1	£20
Muir, - - - - - - - -	1	3	£36
Muir Divinity, - - - - - -	2	2	£25
Notman, - - - - - - -	1	3	£17
Ross, John, jun., - - - -	1	3	£36

BURSARIES IN THE FACULTY OF LAW.

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Macfarlane, Robert, - - - - -	—	—	—
Merchants' House, - - - - -	1	3	£25
Walkinshaw-Young, - - - - -	1	2	£18
Major Young's Fund, - - - - -	2	6 and 2	£20

BURSARIES IN THE FACULTY OF MEDICINE.

Arthur, - - - - - - -	1	3	£25
Brisbane, - - - - - - -	1	4	£42
Davidson, - - - - - - -	1	3	£40
Gibson, Dr. Thomas, - - - - -	1	—	£30
Glasgow Highland Society, - - -	2	4	£25
Logan, - - - - - - -	1	4	£16
Lorimer, - - - - - - -	4	3	£25 and £20
Macarthur, - - - - - - -	1	2	£20
Macfarlane, John, - - - - -	1	3	£40
Mackintosh, - - - - - -	1	1	£30
Marshall, - - - - - - -	1	4	£17
Merchants' House, - - - - -	2	4	£25
Monteith, John, - - - - - -	2	2	£21
Paterson, James A., - - - - -	8	4	£30 and £15
Rainy, - - - - - - -	2	2	£20
Walton, - - - - - - -	1	4	£36
Weir, Andrew, - - - - - -	1	1	£18

BURSARIES IN THE FACULTY OF SCIENCE.

Buchanan Society (Arts or Science), -	16	4	£30
Elder, - - - - - - - -	2	2	£50
Kerr, Malcolm, - - - - - -	2	3	£15
M'Ewen, Malcolm (Arts or Science), -	1	4	£16
Metcalfe, - - - - - - -	4	2	£25
Muir (Civil Engineering), - - -	2	1	£12 10/
Shipwrights Company, - - - -	1	1	£25
Young, George, - - - - - -	1	—	£30

BURSARIES IN THE FACULTY OF ARTS.

Bursars in the Faculty of Arts are required to attend at least two classes each session.

Adam, James, - - - - - -	2	4	£16 10/
Adamson, - - - - - - -	1	3 or 4	£20
Angus and Mearns Benevolent Society,	2	4	£15
Ayrshire Masonic, - - - - -	1	4	£20
Barbour (Kilbarchan), - - - -	1	3	£16
Biggart Memorial, - - - - -	10	4	£25
Black, - - - - - - - -	2	4	£21
Blackquarry School, - - - - -	1	4	£13
Brand, - - - - - - -	3	4	£24
Brown, Ebenezer, - - - - -	1	3	£37
Browne (Ayrshire), - - - - -	2	4	£20

BURSARIES IN THE FACULTY OF ARTS—*Continued.*

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Brown-Paton, - - - - - -	2	3	£16
Buchanan, - - - - - - -	2	3	£13
Buchanan Society (Arts or Science), -	16	4	£30
Clark, John (Mile-end), - - -	24	4	£30
Cowan, - - - - - - - -	1	3	£26 13/4
Craig, - - - - - - - -	1	4	£25
Craig, Archibald, - - - - -	1	2	£9
Crawfurd and Brown, - - -	1	4	£19 13/4
Davidson, - - - - - - -	1	3	£40
Duncan's Bute, - - - - - -	2	4	£35
Dundonald,- - - - - - -	8	4	£40
Ewing, James, - - - - - -	4	4	£20
Forfar, - - - - - - - -	5	4	£30
Foundation, - - - - - -	2	4	£20
Fullarton of Overton,- - - -	5	2	£20
Gartmore, - - - - - - -	1	3	£24
General Council, - - - - -	5	3 or 2	£20
Glasgow City Educational Endowm'ts,	20	4 or 2	£25
Grant, George, - - - - - -	1	3 or 4	£45
Grant, George, jun., - - - -	1	4	£45
Hamilton, - - - - - - -	3	3	£20
Hamilton Educational Trust, - -	3	3	£15
Hannay, - - - - - - -	3	3	£15
Hastie, - - - - - - - -	1	4	£25
Highland Society, Glasgow, - -	15	4	£20
Howison and Gilchrist, - - -	1	4	£17
Hutchesons' Educational Trust, - -	20	4	£20
Hyndford and Ross, - - - -	1	4	£10 16/8
Jaffrey, John Ferguson, - - -	1	2	£34
Kerr, Malcolm (Nat. Phil.), - -	1	3	£15
King William's, - - - - - -	2	3	£15
Laing, Alexander, - - - - -	1	3	£20
Laing, James, - - - - - -	8	4	£25
Leadbetter, - - - - - - -	1	4	£9
Leyden, John, - - - - - -	1	3	£13
Lochhead, James, - - - - -	1	3	£16
Lochhead and Mitchell, - - -	2	4	£32
Lorimer (4 Phil. 4 Math.), - - -	8	3	£25 and £20
Lusk, - - - - - - - -	1	3	£20
M'Crie, - - - - - - -	4	4	£25
M'Culloch, - - - - - - -	1	4	£17
MacDougall, - - - - - - -	3	3	£33
M'Ewen, Malcolm (Arts or Science), -	1	4	£16
MacGrouther, - - - - - -	2	4	£20 and £15
Maitland Club, - - - - - -	1	—	—
Marshall Trust, - - - - - -	16	5	£30
Menzies, - - - - - - -	4	4	£45
Merchants' House, - - - - -	1	4	£25
Monteith, - - - - - - -	3	3	£14

BURSARIES IN THE FACULTY OF ARTS—*Continued.*

Foundation.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Morgan,	16	1	£20
Muir (Mathematics, Senior),	1	1	£18
Muir (Mathematics, Junior),	1	2	£9
Orr-Ewing Dumbartonshire,	9	4	£25
Paterson, James,	1	4	£23
Paterson, James A.,	6	3	£40 and £20.
Patrick,	3	4	£40
Perthshire Society,	1	3	£25
Pollock,	3	3	£40
Ramsay-Walker,	2	4	£12
Scott,	3	4	£25
Stevenson of Dalry,	2	4	£32
Stewart,	3	4	£15
Thomson, James (Philosophical),	1	2	£11

BURSARIES IN THE FACULTIES OF ARTS AND THEOLOGY.

Ardkinglass,	1	6	£9 10/
Buchanan (Bellfield),	2	7	£50
Leighton,	1	3	£18
Williams,	4	3 or 4	£40

BURSARY IN THE FACULTIES OF ARTS OR THEOLOGY.

Lamb,	1	—	£12

BURSARIES IN THE FACULTIES OF ARTS, LAW, OR MEDICINE.

Macdonald,	2	4	£14
William Whyte,	4	4	£25

BURSARIES IN THE FACULTIES OF THEOLOGY, LAW, OR MEDICINE.

Armagh,	3	3	£42
Hutcheson, Thomas,	1	4	£11 2/2¾

BURSARIES IN ANY FACULTY.

Ayrshire Society,	4	3	£15
Celtic Society (Campbell),	1	1 or more	£5
Denny,	4	4	£30
Dumfriesshire Society,	2	4	£15
Ferguson, James,	2	2	£80
Forrest,	5	5 or less	£22
Gibson, John,	2	4	£20
Kintyre (Ker),	1	3	£20
Kintyre (Alexander Love),	1	4	£11
M'Kechnie,	2	4	£35
Shearer,	3	3	£30
Smith,	1	4	£18
Stillie,	1	1	£5
Taylor,	2	4 or 5	£12

B.—BURSARIES (ALPHABETICALLY ARRANGED).

JAMES ADAM BURSARIES (*Arts*).—These Bursaries were founded by the Rev. James Adam, minister of Cumbrae, who died in 1830, and were originally three in number. In appointing to one of the Bursaries, preference was given to the kindred of the founder, and in appointing to another to students of the name of Adam. By Ordinance No. 80[1] of the Universities Commissioners (1889) these restrictions were removed, and the three Bursaries were combined into two of equal value. The Bursaries are tenable for four years, but if a bursar graduate at the end of three years he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to these Bursaries. The appointment is vested in the Earl of Glasgow, the Professor of Divinity, and the Minister of Cumbrae, the exercise of their patronage being regulated by Ordinance No. 57, §§ xv.—xviii. See Appendix II. Value, about £16 10s. per annum each.

Bursars—John R. Tannahill, 1892 ; John Cochran, 1894.

JOHN ADAM BURSARIES (*Theology*).—Three in number, founded by Mr. John Adam, of the Inner Temple, who died in 1836. The founder gave a preference to his own kindred and to students of the name of Adam or Dollar. By Ordinance No. 57 of the Universities Commissioners (1889), this preference was cancelled. They are open to competition to students in Theology of the first year ; and, after examination, are adjudged to the three students who shall be declared to be the most deserving, and to have made the highest attainments in Latin, Greek, Logic, Moral and Natural Philosophy, and Mathematics. The trustees and patrons are the Principal, the Professor of Theology, and the five Professors of the Gown Classes. These Bursaries are tenable for four years, subject to the provisions of Ordinance 57, § v. See Appendix II. Value, £15 to each Bursar.

Bursars—[2] George A. Stalker, 1892 ; [2] Francis G. Geddes, M.A., 1892 ; John N. Macdonald, 1894 (1893).

ADAMSON BURSARY (*Arts*).—This Bursary was founded by the Rev. David Adamson, minister of Fintry, in 1674, for a student in Philosophy, and was restricted to sons of freemen in one of the seven Incorporate Trades of Stirling. This restriction was removed by Ordinance No. 57 of the Universities Commissioners (1889). It is

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

[2] Vacant—Bursar's course finished.

tenable for four years by a student entering the Greek Class, for three years by a student entering the Logic Class ; and the appointment is vested in the Conveuer Court of Stirling. Value, the free proceeds of the capital, which now amounts to about £500.
Bursar—James Dowell, 1893.

Angus and Mearns Benevolent Society's Bursaries (*Arts*).—Two in number, founded in 1860 by the Glasgow Angus and Mearns Benevolent Society. Value, £15 per annum each. They are, as a rule, tenable for four years in the Arts Classes, and are open only to natives, or sons of natives, of the counties of Forfar and Kincardine, who are desirous of obtaining a University education, but whose circumstances are such as to render them unable to accomplish it without the aid of a Bursary. When a vacancy occurs applications are to be made, not later than 1st September, to Mr. Stuart Spence, 52 Virginia Street, Glasgow.
Bursars—William Abernethy, 1893 ; Edward G. Elliott, 1893.

Ardkinglass Bursary (*Arts and Theology*).—This Bursary was founded in 1733, by Sir James and Lady Campbell, out of a fund which Colonel John Blackader of Barndennoch, Glencairn, Dumfriesshire, had by his Will set aside for pious uses, and was tenable for eight years—five in Languages and Philosophy, and three in Divinity. It is now regulated by Ordinance No. 87[1] of the Universities Commissioners (1889). A bursar may hold the Ardkinglass Bursary for three years in the Faculty of Arts, and for three years in the Faculty of Divinity, and no longer ; but a bursar, who at the end of the third year of his tenure has failed to pass all the examinations necessary for graduation in Arts, shall forfeit the Bursary, and in that event it shall be lawful for the patron to nominate a candidate, who shall be a Master of Arts, or shall have passed the examinations necessary for admitting him to that Degree, and shall be entering on his course of study in the Faculty of Divinity ; failing such nomination by the patron, the Bursary shall be awarded by the Senate to a candidate qualified, as aforesaid, under such conditions as the Senate shall prescribe, but a Bursar thus nominated shall not hold the Bursary for more than three years. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to the Ardkinglass Bursary. Patron, Mr. Geo. F. W. Callander, of Ardkinglass and Craigforth. Value, £9 10s. (Vacant.)

Armagh Bursaries (*Theology, Law, or Medicine*).—Three in number, founded in 1733 by Hugh Boulter, Archbishop of Armagh, who endowed the College with the annual rent of certain lands in the neighbourhood of Glasgow. By ordinance of the Universities Commissioners (1858), these three Bursaries were raised from £15 to £25 per annum each (the funds having accumulated through vacancies), and the restrictions as to birthplace were removed.

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

Further regulations were laid down in Ordinance No. 92[1] of the Universities Commissioners (1889). The Bursaries are open by competition to students who are presenting themselves for the final examination for the Degree of Master of Arts with Honours in the following rotation (1) Classics, (2) Mental Philosophy, (3) Mathematics and Natural Philosophy. They are tenable for three years, during which the holders must give regular attendance on the classes of this University, as students of Theology, Law, or Medicine. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to the Bursaries on this Foundation. One Bursary (value about £42) will be open to competition in October, the subject of examination being Classics.

Bursar—[2] Alexander Taylor, 1892; John W. Leitch, 1893; Hyam Goodman, M.A., 1894.

ARTHUR BURSARY OR SCHOLARSHIP (*Medicine*).—Founded in 1892 by Mrs. Arthur of Barshaw. This Bursary is of the annual value of £25. It is open to women students in the Medical School at Queen Margaret College. It is to be awarded by the Trustees to the student who shall take the highest place among the Queen Margaret College candidates at the First Professional Examination held in the University before the commencement of the winter session in which an appointment falls to be made, provided always that a candidate may take part of her examination in the April preceding. If two students are of equal merit, the Bursary will be divided between them, and if more than two are equal, a special examination may be held to determine who shall be the recipient. The Bursary is tenable for three years, subject to the condition that the Bursar prosecute her medical studies with the approval of the Trustees.

Bursar or Scholar—[2] Agnes Jane Anderson, 1892.

AYRSHIRE MASONIC BURSARY (*Arts*).—This bursary was founded in 1874, the funds for it being subscribed by the Masonic Lodges of Ayrshire. It is open to the sons of Freemasons, members of an Ayrshire Masonic Lodge, and is awarded by competition to a student of the first year. Candidates must be in attendance at school in Ayrshire or be resident in the county, and must not be more than eighteen years of age, at the examination. The bursary is tenable for four years or during Arts curriculum of Bursar, but cannot be held along with any other Bursary. The Bursar must pass the Examinations for the Degree of M.A. in regular course, on pain of suspension or deprivation. Value, the interest of the mortified fund and annual subscriptions, not exceeding in all £25. When a vacancy occurs applications should be lodged with the Secretary of the Trust, Dalry, Ayrshire, on or before the first day of September. The names of candidates approved by the Patrons will be sent by him to the Clerk of Senate to be entered at the University competition for Bursaries for students of the first year.

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[1] This ordinance comes into force when approved by Her Majesty in Council.

[2] Vacant through lapse of time.

Bursar—William W. Fulton, 1892.

GLASGOW AYRSHIRE SOCIETY'S BURSARIES (*Any Faculty*).—Four in number, founded in 1868 and 1879 by the Glasgow Ayrshire Society, and consisting of the free annual proceeds of a sum of £1,501 11s. subscribed by members of the Society, to be devoted to the establishment of Bursaries in the University of Glasgow, and invested for that purpose. The Bursaries, which are at present £15 per annum each, are tenable for not more than three years, and are open to applicants between the ages of 14 and 24, who are descendants of members of the Society, or natives of Ayrshire, or sons of natives resident in Glasgow, who are in circumstances rendering the aid of a Bursary necessary or desirable. Patrons—the Directors and Office-bearers of the Society. Secretary, Mr. James Graham Girvan, 186 West George Street, Glasgow.

Bursars—Thomas Skeoch, 1893; James M'Clure, 1893; Peter Douglas, 1894; Alexander S. Allan, 1894.

BARBOUR KILBARCHAN BURSARY (*Arts*).—Founded in 1887 by the Executors of Miss Mary Barbour of Plymouth Grove, Manchester, who bequeathed £500 free of legacy duty for the purpose of endowing a Scholarship for the Board School of Kilbarchan, Renfrewshire. The Bursary is open to students of the first year, and is tenable for three years. Candidates must not exceed the age of eighteen years, must produce a certificate from the Kilbarchan School Board that they have attended three years at the Kilbarchan Village or Town Board School, are of irreproachable character, and have given satisfactory evidence of good natural ability, diligence and proficiency in their studies, and must be examined at the ordinary Bursary examination. (Vacant).

BIGGART MEMORIAL BURSARIES (*Arts*).—Ten in number. Value, £25 per annum each. Founded in 1876 by Mr. Thomas Biggart, of Baidlandhill, Dalry, Ayrshire, in memory of his son, Thomas Biggart, an alumnus of Glasgow University, who died in 1874. The Bursaries are open to competition at the annual Bursary and Preliminary Examination to students who are entering on the Arts Course at the University of Glasgow, with a view to the ministry of the United Presbyterian Church, and are designed to enable such students more easily to pursue that curriculum and obtain, as far as practicable, the Degree of Master of Arts.

The Bursaries are tenable for four years.

The Bursary Fund consists of the sum of £6,000, invested in real estate in Scotland, and the surplus revenue may be applied to prolong the tenure of any of the Bursars for a fifth year, or to the granting of additional Bursaries on the same conditions as are applicable to the others.

The Bursary is payable by equal moieties on the second day of February and at the close of the Winter Session; and the Bursar, on applying to the Principal for a precept for the second moiety, is required in each year to produce, besides the usual certificate from the Professors, a certificate signed by the Chairman and Clerk of the Theological Committee of the U.P. Synod, to the effect of his being recognized by that Church as an accepted student, pursuing his studies with a view to the ministry therein. (Two vacancies.)

Bursars—[1] George Lamb, 1891; [1] Herbert A. Whitelaw, 1891; Andrew B. Scott, 1892; Charles Dick, 1892; Arthur W. Wilkie, 1892; James Marr, 1893; John Falconer, 1893; Fergus Ferguson, 1894; Peter Henderson, 1894; Harry A. P. Anderson, 1894.

BLACK BURSARIES (*Arts*).—Founded by Mrs. Janet Black, widow of the Rev. William Black, D.D., minister of the Barony Parish, Glasgow. Mrs. Black died in 1876, and by her Settlement, made provision, *inter alia*, for the institution of two Bursaries in Arts, each of the annual value of £20 or thereby. The Bursaries are open to competition to students entering on their first session in the University; and the Bursars are required to attend the qualifying courses for a Degree in Arts.

Bursars—[1] Coll A. Macdonald, 1893 (1891); James D. Cowan, 1892.

BLACK BURSARIES (*Theology*).—Founded by Mrs. Janet Black—who died in 1876—in memory of her husband, William Black, D.D., Minister of the Barony Parish of Glasgow. The Bursaries are entrance Bursaries, two in number, each of the annual value of £40 or thereby, tenable for three years. The competition is open to candidates holding a degree in Arts in any Scottish University, or who have passed their examinations in any four subjects taken from at least two departments for graduation in Arts. Candidates must be members of the Established Church of Scotland.

Bursars—John S. Morrison, 1893; John L. Tulloch, M.A., 1894.

BLACKQUARRY SCHOOL BURSARY (*Arts*).—Founded in 1876 by the Trustees of the Blackquarry School, Port-Dundas, Glasgow. The Police Board of Glasgow having acquired the school compulsorily under "The Glasgow Police Acts," the Trustees resolved to apply the proceeds, after payment of all claims upon the institution, in founding a Bursary in the University of Glasgow. The Bursary is open to competition to Students in the Faculty of Arts on their first entering the University, under the same regulations as those of the competition Bursaries in the University, and is tenable for four years, subject to the condition that the Bursar shall attend the qualifying course for the Degree of M.A. Value, the annual income of a sum of £420 (about £13).

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[1] Vacant through lapse of time.

Bursar—James Y. Wilson, 1894 (1893).

Boyd and Sanders Bursary (*Theology*).—In 1635, Mr. Zachary Boyd founded three Bursaries for students in Divinity, tenable for two or four years, each of the value of £5 10s. per annum. The appointment to one of these was vested in the Merchants' House of Glasgow ; and the patrons of the other two were the members of the City Council. Preference to burgesses' sons, particularly of the name of Boyd.

The Bursary, value £5 10s., in the gift of the Merchants' House of Glasgow, and the Sanders Bursary, value £8 6s. 8d., founded in 1728 by Mr. Robert Sanders of Auldhouse, also in the gift of the Merchants' House, were, by an order obtained under the authority of the Endowed Institutions Commission in 1880, conjoined into one Bursary of £13 16s. 8d. per annum, tenable for not more than three years by a student attending the ordinary curriculum in the Faculty of Theology at the University of Glasgow. The preference, *cœteris paribus*, to the names Boyd, Sanders, Corbet, Colquhoun, and Wardrop, was cancelled by Ordinance No. 57 of the Universities Commissioners (1889). When a vacancy occurs applications are to be lodged with Wm. H. Hill, LL.D., Clerk of the Merchants' House, on or before 1st September. (Vacant.)

Boyd and Wilson Bursary (*Theology*).—By ordinance of the Universities Commissioners, of date 17th May, 1862, the two Boyd Bursaries in the gift of the Magistrates and Town Council of Glasgow (see above) were conjoined into one, tenable for three years, the Bursar to be M.A. By an ordinance of the same date the two Bursaries, value £6 13s. 4d. per annum each, which were founded by Mr. Michael Wilson in 1640, and placed under the same patronage, were also conjoined into one, tenable for three years, the holder to be M.A. in regular attendance at the University as a student of Theology. Restrictions as to kindred, etc., were in both cases abolished.

This Boyd Bursary and this Wilson Bursary were, by Ordinance No. 78[1] of the Universities Commissioners (1889), conjoined into one Bursary, called the Boyd and Wilson Bursary, value £24 6s. 8d. per annum. The holder must be a Master of Arts of a Scottish University. The Bursary is tenable for three years, provided that the Bursar shall, during that period, give regular attendance as a student of Theology in Glasgow University.

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

BRAND BURSARIES (*Arts*).—Mr. Robert Brand, son of the late Mr. Robert Brand, coalmaster, Wishaw, by his Trust Disposition and Settlement, dated 28th June, 1873, directed his Trustees "to pay to the Senatus of the University of Glasgow the sum of £2,000, the income of said sum to be applied in payment of three Bursaries in Arts for the behoof of students in the University who shall be studying with a view to the ministry of the United Presbyterian Church." Mr. Brand died on 3rd July, 1873, but, in consequence of litigation, it was not till January, 1875, that the bequest, amounting, with interest, to the sum of £2,121 7s. 5d., was paid by the Trustees to the Senate. The Bursaries, which are tenable for four years, are of the annual value of about £24 each, and are awarded by public competition to students entering their first or second session in the Faculty of Arts; the Bursars to graduate as M.A. at the end of their course. The next appointment will be made in 1895.

Bursar—John E. M'Intyre, 1892.

BRISBANE BURSARY (*Medicine*).—Founded by Miss Christian Brisbane in 1777, in fulfilment of the intentions of her brother, Dr. John Brisbane, of Balbegno. Their father, Dr. Thomas Brisbane, was the first Professor of Anatomy in this University.

It is tenable by a student of Medicine for four years, and the salary is about £42 per annum. The family of Brisbane and the University present alternately. The applicant must be under twenty-two years of age, and must have the Degree of M.A.

The preference formerly given to the kin of the founder was cancelled by Ordinance No. 57 of the Universities Commissioners (1889).

Bursar—Thomas Hunter, M.A., 1892.

BROWN BURSARY.—See Crawfurd and Brown, p. 226.

BROWN OR ETTLES BURSARIES (*Theology*).—Two in number, founded in 1867 by Miss Ettles, of Inverness, in memory of her brother-in-law, Dr. E. Brown, an alumnus of this University. The Bursaries consist of the annual interest and proceeds of a sum of £1,000, and are open to competition to first year's students of Divinity who have passed all the examinations required for the ordinary Degree of M.A.; with a preference, *cæteris paribus*, to such as can speak Gaelic. The Bursaries are tenable for three years.

Bursars—[1] William M. Steven, 1892; James S. Cuthill, M.A., 1894.

EBENEZER BROWN BURSARY (*Arts*).—Founded in 1884 under the Trust Disposition and Settlement of Mr. Ebenezer Brown, export bottler, West Campbell Street, Glasgow. Mr. Brown, who died on 31st July, 1883, bequeathed to the Senate the sum of £1,000, free of legacy duty, for the purpose of founding and maintaining a Bursary in the Faculty of Arts, to be granted to the student who shall stand highest in a competitive examination on such subject or subjects in Arts as the Senate may prescribe. The Senate have full power to vary such subject or subjects from year to year, and to lay down such regulations regarding the Bursary as they may see fit. The Bursary is open to competition to all students entering on their first or second year of attendance, provided that no student in his second year shall be eligible who on entering upon his first year of attendance passed the whole Preliminary Examination. It is tenable for three years.

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[1] Vacant through lapse of time.

Bursar—[1] Thomas Nelson, 1892.

Browne (Ayrshire) Bursaries (*Arts*).—Two in number, tenable for four years, and each of the annual value of about £20, founded in 1871 by Mr. Hugh Browne, residing at Darvel, in the county of Ayr, who for this purpose, and in memory of his brother, the late Dr. Alexander Browne, of Buenos Ayres, mortified to the University of Glasgow the sum of £1,000. The Bursaries are awarded by competition. Candidates must be natives of the county of Ayr, or must have been educated for not less than four years in a school within the said county, and must be entering on their first session at the University. (One vacancy.)

Bursar—William Stewart, 1892.

Brown-Paton Bursaries (*Arts*).—Founded in 1891 by Mr. Andrew Brown-Paton, Liverpool, in memory of his father, mother, and three sisters. The Bursaries are two in number, and are tenable for three years. They are open for competition to students of the first year, with a preference to natives of the parishes of London or Galston in Ayrshire. Should no candidate from either of these parishes come up to the standard of the Entrance Examination then held in Arts, the Bursaries are open to candidates from any part of Ayrshire. Failing qualified candidates from Ayrshire the Bursaries are open to all students of the first year. In case of a vacancy, otherwise than by lapse of time, a student of the same standing is appointed by the Senate by examination or otherwise. Each Bursar receives one-half of the free proceeds of the capital sum, £1,000, paid over to the University Court by the founder.

Bursar—[1] George Cunningham, 1892; William Philips, 1894.

Buchanan Bursaries (*Arts*).—Founded by the late Robert Buchanan, LL.D., Ardfillayne, Dunoon, formerly Professor of Logic and Rhetoric in the University of Glasgow, by Codicils to his Will, dated 26th December, 1871, and 26th March, 1872, in which, as a "token or expression of his gratitude and respect to the University of Glasgow, with which, as a student, or Professor, or member of the University Court, he had been connected for the space of fifty years," he bequeathed the sum of £1,000 for the purpose of founding a Bursary or Bursaries for students in the Faculty of Arts, on the conditions that may appear to the Senatus best for the interests of the University. The Senate resolved to apply the annual proceeds to the support of two Bursars in Arts, each to hold his Bursary for three years, subject to the usual condition of attending two of the classes of the curriculum in each session; the Bursars to be appointed by competitive examination among students of the first year. Present value, £13 to each Bursar.

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[1] Vacant through lapse of time.

Bursar—[1] William M. Murray, 1892; Alexander A. Gardner, 1894.

BUCHANAN (BELLFIELD) BURSARIES (*Arts and Theology*).—Founded in 1875, in accordance with the Trust Disposition and Deed of Settlement of the late Misses Margaret Jane and Elizabeth Buchanan of Bellfield, Glasgow. The Bursaries are two in number, and consist of the yearly proceeds of a sum of £4,200, vested in Reduced 3 per cent. Annuities. Open to matriculated students who may be prosecuting their studies at the University of Glasgow, with a view to their becoming licentiates and clergymen of the Established Church of Scotland. The Patrons are the Principal and such of the Professors as hold their appointments from the University Court. The Bursaries are tenable during the whole curriculum "or such portion thereof as to the said Principal and Professors may seem proper." The Bursars are appointed by competitive examination among students of the first and second years in Arts. Present value, £50 per annum to each Bursar.

Bursars—John M. Dickie, 1889; Ephraim Henderson, 1890.

BUCHANAN SOCIETY BURSARIES (*Arts or Science*).—These Bursaries, instituted by the Buchanan Society, are of two kinds, Classical and Technical. The former were established in 1877, the latter in 1893. They are open to students of the names of Buchanan, M'Millan, M'Auslan, M'Wattie, and Risk. The Classical Bursaries are each of the annual value of £30, and tenable for four years at any Scottish University. Candidates must be over sixteen and under twenty years of age. The Technical Bursaries are each of the annual value of £35, and tenable for three years at any Scottish University, or at any of the Technical Colleges of Glasgow, Edinburgh, Dundee, or Aberdeen, approved of by the Society. In the event of a Technical Bursar desiring to take the Degree of B.Sc., his tenure may be extended to a fourth year. Both the Classical and the Technical Bursaries are awarded by competition, the subjects of examination being English and any three selected by the candidate out of the following, viz., Latin, Greek, French, German, Mathematics, Science. Candidates for Technical Bursaries must also shew proficiency in Freehand Drawing. Four Bursaries

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[1] Vacant through lapse of time.

(two Classical and two Technical) will be given in October, 1895, provided a sufficiently high standard is reached by the candidates. Applications should be lodged not later than 15th September, with the Secretary, Mr. G. Y. Strang Watkins, 186 West George Street, Glasgow, from whom further information may be obtained.

Bursars—Hugh R. Buchanan (Classical), 1894; Alexander M. M'Millan (Technical), 1894; Alexander M'Millan (Technical), 1894.

CELTIC SOCIETY'S CAMPBELL BURSARY (*Any Faculty.*)—Founded in 1869 by the Glasgow Celtic Society. Value, at least £5. Tenable for one or more years by a native, or a son of a native, of the Highlands of Scotland, not under 14 nor above 20 years of age, whose circumstances are such as to render aid important. A preference, *cæteris paribus*, to Gaelic-speaking students. Additional Bursaries not exceeding £5 are also granted by the Society, when its funds permit, to Gaelic-speaking students. Applications to be made to the Honorary Secretary, Mr. Charles M. Williamson, 194 West George Street, Glasgow, on or before 1st October in each year. Application forms may be obtained from Mr. Williamson.

Bursars—Dugald Bell (Campbell Bursary), 1894; Andrew C. MacLean, 1894; Alexander Mackenzie, 1894.

GEORGE A. CLARK BURSARIES OR SCHOLARSHIPS (*Arts, etc.*)—(See under "Scholarships.")

JOHN CLARK (MILE-END) BURSARIES (*Arts*).—Founded in 1868, in accordance with the Trust Disposition and Deed of Settlement of the deceased Mr. John Clark, junior, of the firm of John Clark, junior, & Co., thread manufacturers, Mile-End, Glasgow. By a Deed of Constitution of date 1st August, 1866, the "Clark Bursary Fund" is placed under the management of twelve trustees. The Bursaries are to be at least two in number, of the annual value of £30, open for competition to all Protestant students of good moral character, sons of Protestant parents, entering on their first session in the Faculty of Arts (a preference, *cæteris paribus*, given to orphans), and are tenable for four years, subject to the condition that the Bursars proceed through the curriculum of Arts in Glasgow University. The competition is to be in writing, and the trustees are to appoint the subjects of examination. The Bursary fund consists of the residue of the Testator's estate, said residue amounting to upwards of £30,000. Six Bursaries on this foundation will be competed for in October, 1895.

Bursars—[1] Robert Howie, 1891; [1] William M. R. Pringle, 1891; [1] William Jordan, 1891; [1] William Boyd, 1891; [1] William H. Low, 1891; [1] John Young, 1891; James W. Copeland, 1892; John W. Henderson, 1892; Alexander J. Martin, 1892; John M. Ramsay, 1892; Gavin Scott, 1892; John Buchan, 1892; Horace F. Wallace,

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[1] Vacant through lapse of time.

1893; David H. Tweeddale, 1893; William Fulton, 1893; Joseph White, 1893; James P. Brander, 1893; Robert J. T. Bell, 1893; William H. Begg, 1894; Walter Murray, 1894; James Sheridan, 1894; John Harvey, 1894; John Copeland, 1894; Gordon B. Nielson, 1894.

COWAN BURSARIES (AYR ACADEMY) (*Arts*).—These Bursaries were founded by the late David Cowan, Esq. of Auchendrane, who bequeathed to the Directors of the Ayr Academy the sum of £2,000, to be invested and held by them in trust, and the annual income thereof applied as Bursaries, to promote the education of two students, one at each of the Universities of Edinburgh and Glasgow, who should have received their previous education, or part of it, at Ayr Academy. These Bursaries are now administered by the "Ayr Educational Trust." Under Scheme 328, Section 26, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council on 8th February, 1890, the Governors are instructed to apply an annual sum of not less than £80 in establishing Bursaries for University education, to be called the Cowan Bursaries, each of the yearly value of not less than £20 nor more than £30. These Bursaries are awarded by competitive examination among those who have been pupils in the Ayr Academy for at least two years before the date of examination. The Governors have resolved to award them alternately to students of Glasgow and Edinburgh Universities. The Bursaries are tenable for three years, the total value of each being £80, payable by instalments of £30 per annum for the first two years, and £20 for the third year. On a vacancy, intending candidates must send in their names and addresses to the secretary, Mr. J. G. M'Skimming, 7 Wellington Square, Ayr, before the first day of September; and the Senate of the University of Glasgow undertakes the examination of candidates who offer themselves for the Bursary to be held at this University. (One vacancy.)

Bursar—(At Glasgow University) —John Clark, 1893.

CRAIG BURSARY (*Arts*).—Founded by Mr. John Craig, merchant in Glasgow, in 1697, for students in Philosophy. Tenable for four years. The preference to kindred of Founder, and students of the name of Craig, was cancelled by Ordinance No. 57 of the Universities Commissioners (1889). Value, £8 6s. 8d. per annum, increased by the Patrons in 1880 to £25. Appointment by the Merchants' House. Applications to be lodged with W. H. Hill, LL.D., Clerk to the Merchants' House, on or before 1st September of the year in which a vacancy occurs.

Bursar—Thomas Craig, 1894.

ARCHIBALD CRAIG BURSARY (*Arts*).—The Rev. Archibald Craig, some time minister of the Free Church at Dalton, thereafter residing at Eaglesham, who died on 10th March, 1873, by his Will, dated 4th March, 1873, bequeathed a sum which, with accretions, now amounts to £250, to be devoted to the foundation of a Bursary in the University of Glasgow. The Trustees of the Bursary Fund are —the Minister for the time being of the Parish of Eaglesham, the Minister for the time being of the United Presbyterian Church, Newton-Mearns, and certain other gentlemen. The Bursary was founded in 1884. It is open to competition, at the annual Bursary Examination, to all students entering on the first session of attendance at the University, who are natives of the parishes of Eaglesham or Mearns, or who for two consecutive years have attended school in either of said parishes ; is awarded by the Senate in accordance with the result of that examination ; and is tenable for the first two years of such student's attendance at the University. The Bursary is payable at the close of the winter session. Should the Bursary be in abeyance during any session or sessions, from failure of students falling under the above description, the accumulation may, in the discretion of the trustees, be applied to the increase of the Bursary in any subsequent session or sessions, or may be added to the capital fund. (Vacant.)

Crawfurd and Brown Bursary (*Arts*).—The Crawfurd or Bishop's Bursary was founded by Captain Thomas Crawfurd, of Jordanhill, in 1576, and was appropriated to a student in Languages. It was tenable for four years, the value being a chalder of meal. The Patrons were the Principal and the Professors of the University. The foundation was remodelled by ordinance of the Universities Commissioners, dated 7th June, 1862. The Brown Bursary was founded in 1697 by Colonel Brown of Maryland. It was tenable for four years. The annual value was £5, increased in 1880 to £6 13s. 4d. by an addition from the Students' Bursary Fund. This Bursary, being also in the patronage of the Principal and Professors, was combined with the Crawfurd Bursary by Ordinance No. 81 [1] of the Universities Commissioners (1889), the joint Bursary to be called the Crawfurd and Brown Bursary. The preference as to kindred attaching to the Brown Bursary was abolished. The Crawfurd and Brown Bursary is tenable for four years, the annual value being £19 13s. 4d. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure, if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to this Bursary.

Bursar on the Crawfurd Foundation—David P. Fleming, 1892.

Davidson Bursaries (*One in Arts and one in Medicine*).—Two in number, founded in 1881, in terms of the Trust Disposition and Settlement of Mrs. Eliza Davidson who bequeathed £2,000 for that purpose, the one bursary being in memory of her husband, John Davidson, surgeon, Newmilns, and the other in memory of her son, Francis John Ferguson Davidson. A preference is given, *cæteris paribus*, to the Founder's relatives, and to young men natives of the parishes of Muirkirk, Dalserf, Lesmahagow, and Loudon. One of the Bursaries is open to competition to students of the first or second year in the Faculty of Arts, and is tenable for three years, but the second moiety of the third year's Burse is not payable until the bursar shall have passed the examinations in four subjects taken out of at least two Departments for the Degree in Arts. The other Bursary, also tenable for three years, is awarded to the medical student who stands first in the First Professional Examination, provided that his attendance at the classes has not exceeded the requirements of the Ordinance.

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[1] This ordinance comes into force when approved by Her Majesty in Council.

Bursar in Arts—Peter W. Monie, 1894.

Bursar in Medicine—[1] Robert Buchanan, 1892.

DENNY BURSARIES (*Any Faculty*).—Four in number, founded in 1875, by Peter Denny, LL.D., engineer and shipbuilder, Dumbarton. Value, not less than £30 per annum each, and tenable for four years. Open for competition to all students entering the University who are not under fourteen years of age, and who have been pupils in regular attendance at the Dumbarton Burgh Academy for at least two years, one of which must be immediately preceding the date of such entry. One of the Bursaries will be competed for at the beginning of next session. The examination will be in the same subjects and at the same time as the examination for the other competition Bursaries. The Trustees are Mr. Peter Denny, Mr. John M'Ausland, the Principal and Professors, and one of the four Assessors of the General Council in the University Court appointed by the four Assessors, or a majority of them, in accordance with the provisions of Ordinance No. 91 [2] of the Universities Commissioners (1889).

Bursars—[1] William Allan, 1891; Robert P. R. Anderson, 1892; John Glen, 1893; Murdoch M'Iver, 1894.

GLASGOW DUMFRIESSHIRE SOCIETY'S BURSARIES (*Any Faculty*).—Two in number, the one founded in 1874 and the other in 1876. They are in value £15 per annum each, are tenable for four years, and consist of the annual proceeds of a sum subscribed by members of the Glasgow Dumfriesshire Society and invested for the establishment of Bursaries in Glasgow University. The Bursaries are open to first and second year's students, between the ages of 14 and 21, who are either descendants of members of the Glasgow Dumfriesshire Society, or natives of Dumfriesshire, or sons of natives resident in Glasgow, whose circumstances render the aid of a Bursary necessary or desirable. Application to be made to the Secretary, Mr. Francis Stoddart, 58 West Regent Street, Glasgow, not later than 1st September of the year in which a vacancy occurs.

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[1] Vacant through lapse of time.

[2] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

Bursars—James A. Maclean, 1892 ; James Dinwoodie, 1894.

Duncan's Bute Bursaries (*Arts*).—Founded in 1875 for the benefit of natives of the island of Bute, by Mr. James Duncan, of Valparaiso, and afterwards of Rothesay, who by his Will of date 19th October, 1874, bequeathed £2,000 for this purpose. The Trustees and Patrons are the Principal, the Professor of Mathematics, the Professor of Natural Philosophy, and the Provost of Rothesay, all for the time being. Candidates must be natives of the island of Bute, and must be entering on their first or second session in the Faculty of Arts at the University. The Bursaries are two in number, tenable for four years ; but the Patrons may in each case continue the Bursary for a fifth year to assist a student who may have been assiduous in his Academical studies, in private study, or in Continental travel, or other pursuits conducive to relaxation, combined with enlargement of his experience of men and things. The examination is in the same subjects and at the same time as the examination for the other competition Bursaries. There is a preference, *cæteris paribus*, to the name of Duncan, in such degree as the Patrons shall determine; in other cases of equality the Bursary may be divided. Present value, £35 to each Bursar. The next appointment will be made in 1895.

Bursar—George Murray, 1892.

Dundonald Bursaries (*Eight in Arts and Six in Theology*).—In 1672, William, Earl of Dundonald, founded seven Bursaries—four in Philosophy and three in Divinity.

In 1858, the surplus funds of this foundation having greatly accumulated, an Act of Parliament was obtained, authorizing an increase in the number of Bursars, but providing that the total number of Bursars in Philosophy shall, at all times, bear to the number of Bursars in Divinity the proportion of four to three, as nearly as may be. The Bursaries are now fourteen in number—eight in Philosophy and six in Divinity.

The Bursaries were further regulated by Ordinance No. 94[1] of the Universities Commissioners (1889). The Bursaries in Arts are tenable for four years, but if a bursar graduate at the end of three years, he shall only retain his Bursary for the fourth year of tenure, if he engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The Bursaries in Divinity are tenable for three years, and no longer. A student cannot be appointed to a Dundonald Bursary in Divinity, unless he has passed all the examinations required for graduation in Arts. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to all the Bursaries on this Foundation. The Bursars in Arts receive £40 each per annum, and those in Divinity £41 2s. 6d. The Duke of Hamilton is Patron.

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

Bursars in Philosophy—[1] George S. Adams, 1891; [1] Archibald Hunter, 1891; John A. Black, 1892; Ronald C. Kerr, 1892; Robert A. Gray, 1893; John M'Gregor, 1894; Robert S. Masterton, 1894.

Bursars in Divinity—[1] John A. Nicholls, 1893; [1] Robert H. Kerr, 1893; Hector M'Fadyen, 1894; John M'Kechnie, 1894; George S. Yuille, 1894.

ELDER BURSARIES.—With a view to the encouragement of merit shown by the sons of working men, Mrs. Elder has intimated her intention of giving annually to the most deserving student of the Science and Art Classes in connection with the Young Men's Christian Association, Govan Section, a Bursary of £25 per annum, to which will be added by the Department of Science and Art an equal sum, making £50 in all. The Bursaries will be tenable for two years,

Candidates must have taken the undermentioned classes in the Govan Science and Art Section :—Mathematics (2nd stage); Theoretical Mechanics (Elementary); Steam and the Steam Engine, or Naval Architecture (advanced stage).

The competition by which the Bursar is to be selected will be in the above subjects, and will be conducted by the Department of Science and Art at the May examination. The seventh examination will be held in May, 1895.

Candidates must be employed in workshops on the Govan side of the Clyde from Glasgow to and including Renfrew, or must reside in the district. A Bursar will be required to enrol in and attend the following classes at the University during the first year of his attendance :—(1) Natural Philosophy; (2) Chemistry (lectures); (3) Mathematics; (4) Naval Architecture and Marine Engineering. During the second year of attendance: (1) Mathematics; (2) Civil Engineering and Mechanics (lectures); (3) Naval Architecture and Marine Engineering. These Bursaries are to be continued during Mrs. Elder's pleasure.

JAMES EWING ENTRANCE BURSARIES (*Arts*).—Four in number, founded in 1879, by the Merchants' House of Glasgow, in accordance with the Deed of Endowment of the late Mr. James Ewing of Strathleven. The Directors resolved to apply annually £80 of the income of his legacy of £10,000 for educating, training, and settling in business the sons of Glasgow merchants in entrance Bursaries of £20 each. The Bursaries are tenable for four years by students giving regular attendance on classes in the Faculty of Arts. Open to first year's students. The appointments to the Bursaries will be made in accordance with the annual Bursary competition at the commencement of the session; candidates to be qualified as above. Applications to be lodged with Wm. H. Hill, LL.D., Clerk of the Merchants' House, on or before 1st September, in each year. (One vacancy.)

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[1] Vacant through lapse of time.

Bursars—[1] James N. Gray, 1891; Charles R. M'Clure, 1892; Allan M. Watson, 1893; Thomas M. Campbell, 1894; Jas. Faulds, 1894 (£10).

EXCHEQUER BURSARIES.—See King William's Bursaries, p. 242.

Bursars—Andrew E. Wallace, 1890 (Divinity); Daniel Scott, 1892 (Divinity); Maxwell R. Kirkpatrick, 1893 (Nat. Phil.); John W. Whyte, 1894 (Mor. Phil.).

JAMES FERGUSON BURSARIES (*Theology, Law, Medicine, or Department of Engineering Science*).—Two in number, founded in 1877, under provision of the Trust Disposition and Settlement of the late James Ferguson, Esq., of Wiston, and consisting of the annual proceeds of a sum of £3,600. The Bursaries are tenable for two years in any of the three Faculties of Divinity, Law, or Medicine, or in the Department of Engineering Science. The Bursaries are awarded for special proficiency in Arts studies, according to the following rotation, viz.:—In November, 1878, and thereafter, triennially, in Mental Philosophy, together with English Literature; in November, 1879, and thereafter, triennially, in Mathematics and Natural Philosophy; in November, 1880, and thereafter, triennially, in Classical Literature. The Examination is the same as that for honours in the Groups of Classics, Mental Philosophy, and Mathematics and Natural Philosophy respectively (with the addition in the case of the Group of Mental Philosophy of a paper on English Literature), at the annual Examination for Degrees in October. Candidates must have completed the course of attendance required for admission to examination in the corresponding Group for the Degree of M.A. with Honours. Each Bursar must pursue the course of study for such Degree in Divinity, Law, Medicine, or Engineering Science, as he may, with approval of the Senate, select. In the event of a successful candidate not having completed attendance on the Arts classes necessary to qualify for the Degree of M.A., he shall be at liberty, without forfeiting his right to the Bursary, to continue his studies in Arts for two years, in order that he may complete his qualifications for graduation; but no part of the Bursary shall become payable until he has selected and entered upon a course of study in one of the three Faculties above mentioned, viz.:—Divinity, Law, or Medicine, or in the Department of Engineering Science. While the Bursary is tenable for two years of such course, the Bursar must continue his attendance on classes beyond the two years, if this be necessary for graduation or for receiving the Certificate of Proficiency in Engineering Science. The Bursar shall not receive payment of any half-yearly Burse without such evidence as the Senate may require that he is faithfully pursuing the selected course, and shall not receive payment of the fourth half-yearly Burse until he has graduated or received the Certificate of Proficiency in Engineering. Unless a candidate comes up to at least the standard of Second Class Honours, the Senate shall not be bound to award the Bursary. There is a preference, *cæteris paribus*, to young men natives of the parishes of Lesmahagow or Muirkirk, or the province of Pictou, Nova Scotia, and also to young men of the name of Ferguson or Weir, or to descendants and relatives of the founder.

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[1] Vacant through lapse of time.

Candidates for the Bursary to be competed for in 1895 will be examined in Classical Literature, on *Monday*, 14*th October*, *Tuesday*, 15*th October*, *and Friday*, 18*th October*, along with the examinations on these subjects for the Degree of M.A. Names to be given in to the Assistant Clerk (Matriculation Office) not later than 25th September.

FORFAR BURSARIES (*Arts*).—Founded by the Countess of Forfar in 1737. The foundation was remodelled by the Universities Commissioners (1858), by Ordinance of 31st May, 1862, and further regulated by Ordinance No. 79[1] of the Universities Commissioners (1889), of date 15th February, 1895. There are now five Forfar Bursaries in the gift of the Senate: the holder of each to receive £30, if the funds allow. These Bursaries are open for competition to all students entering the first or second session of attendance at the University, and are tenable for four years. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 of the Universities Commissioners (1889) apply to the Forfar Bursaries.

Bursars—[2]John S. Thomson, 1891; William L. Parkin, 1892; George D. Valentine, 1893; Robert M'Ewan, 1894.

FORREST BURSARIES (*Any Faculty*).—Founded by Mr. William Forrest of Easter Meadowhead, Drumgelloch, and Meadowside, by Deed of Mortification, of date 6th March, 1858. The Trust was reconstituted in 1886, under a Scheme of the Educational Endowments Commission. The Bursaries are five in number, each of the annual value of £22, and tenable at the University of Glasgow, for such number of years, not exceeding five, as the Governors may determine. The Bursaries are awarded by competitive examination among young men who require aid in obtaining a University education, and who have been pupils in public or State-aided schools within the parishes of New Monkland, Slamannan, and Shotts, or who are natives of said parishes. Bursars cannot hold another Bursary, must prosecute a course for some degree, and attend at least two classes each session.

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[1] This ordinance comes into force when approved by Her Majesty in Council.

[2] Vacant through lapse of time.

Governors—The Provost of Airdrie, the ministers of the parishes of New Monkland, Airdrie, and Clarkston, one representative from each of the School Boards of Airdrie and Clarkston, and one from the School Boards of Slamannan and Shotts alternately, and one appointed by the Sheriff of Lanarkshire. Secretary, Mr. G. B. Motherwell, Town Clerk, Airdrie. (Four vacancies.)

Bursar—Andrew Scoullar, 1893.

FOUNDATION BURSARIES (*Arts*).—These Bursaries were founded by James VI., in 1577, for students in Languages and Philosophy, and were originally four in number. By ordinance of the Universities Commissioners (1858), of date 7th June, 1862, these Bursaries were remodelled, and were further regulated by Ordinance No. 84[1] of the Universities Commissioners (1889), of date 15th February, 1895. Under the new scheme there are two Foundation Bursaries, the holder of each to receive £20 per annum. They are open for competition to all students entering the first or second session of attendance at the University, and are tenable for four years. The class attendance of the Foundation bursars is regulated by Ordinance No. 57, § iii. (see Appendix II.). If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science.

Bursars—John L. Wark, 1892; James G. Liddell, 1894 (1893); William A. Edward, 1894.

FULLARTON OF OVERTON BURSARIES (*Arts*).—By Deed of Mortification and Constitution, dated 22nd December, 1877, the Executors of the late John Fullarton, Esq. of Overton, West Kilbride, Ayrshire, in pursuance of his Trust Disposition and Settlement and Codicils, assigned to the Principal and Professors of Glasgow University, as Patrons, the residue of his estate, amounting to £2,604 17s. 7d., for the purpose of founding five Bursaries, more or less, each of the annual value of at least £10, but not exceeding £30. The Bursaries are tenable for two years by students in Arts under 25 years of age, belonging to or resident in the district of Cunninghame, in Ayrshire, children of parents whose means and social position are not above those of tradesmen, small farmers, or shopkeepers, or others who may be struggling to secure their better education, and are by themselves, or with such assistance as they may be able to get from their parents or relations, unable to provide for the expenses of a University education. The Bursaries are awarded by competitive examination in Latin, Elementary Mathematics, and English; but no candidate is eligible who has attended any University for more than one session. A Bursary may be divided between two candidates of equal or nearly equal merit, but as between a candidate who has not previously attended any University and a candidate who has so attended, the former is preferred. A Bursar may attend each session one or more of the classes in the Faculty of Arts, the selection of classes being left to his own option. Any accumulations through vacancies are added to the capital sum. Candidates are required to produce evidence of age. (Three vacancies.)

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[1] This ordinance comes into force when approved by Her Majesty in Council.

Bursars—[1] John Jeffrey, 1893; James C. Ker, 1894; George Ogilvie, 1894.

GARTMORE BURSARY (*Arts*).—In accordance with the directions of the Founder of the Gartmore Medal (see p. 298), the Universities Commissioners (1889), by Ordinance No. 98,[2] founded this Bursary, a sufficient capital having accumulated from the surpluses of the Foundation. It is open by competition to all students entering on their first year of attendance on a course for graduation in Arts, and is tenable for three years. Value, £24 per annum. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to the Gartmore Bursary.

GENERAL COUNCIL BURSARIES (*Arts*).—Under a scheme originated by Mr. David Hannay, clerk to the General Council, a sum of about £500 (Fund No. I.) was raised by subscription among the members of Council for the foundation of Bursaries to be held for three years, and open to competition to first and second year's students in Arts. This fund has now been exhausted. In addition, a sum of £2,300 (Fund No. II.) has been raised to form the nucleus of a permanent General Council Bursaries Fund. Of this sum £1,000 is due to the liberality of the late Rev. Wm. Park, D.D., minister of Airth, to be applied in memory of his brother, the Rev. John Park, D.D., minister of Cadder. With Dr. Park's consent, this sum was appropriated to two Park General Council Bursaries of £20 a-year, open to second year's students, and tenable for two years. (Two vacancies.)

Bursars—[1] John Girvan, 1894 (1892); Thomas M'Michael, 1894 (1893); David L. Blair, 1894; [1] Allan Gibson, 1893 (Park); John B. Johnston, 1894 (Park).

JOHN GIBSON BURSARIES (*Any Faculty*).—Founded in 1877 by Miss Jane Gibson, in memory of her father, John Gibson, of Oak-bank and Johnstone, merchant in Glasgow. The Bursaries, which may be given to one student, or at most two, consist of the annual proceeds of £1,000. The administration is vested in trustees, who have great discretionary powers as to the conditions on which the Bursaries may be held. Their subsisting resolution is to award the Bursary to a Medical student entering on the third year of his course, and that it be retainable for three years. When a vacancy occurs applications are to be made in September to James Graham, LL.D., writer, 198 West George Street, Glasgow, who will furnish forms of application.

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[1] Vacant through lapse of time.

[2] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

Bursars—[1] Anthony Vost, 1892; Kenneth M. Duncan, 1894.

DR. THOMAS GIBSON (ROTHESAY) BURSARY (*Medicine*).—Founded in 1893 in terms of the Trust Disposition and Settlement of Misses Christian and Janet Gibson, who bequeathed £1,000, free of legacy duty, for that purpose, in memory of their brother. The Bursary is tenable by Medical students attending the University of Glasgow and preparing for service as Medical missionaries in connection with the Church of Scotland, a preference being given, *cæteris paribus*, to students of the name of Gibson.

GILCHRIST BURSARY.—See Howison and Gilchrist, p. 239.

GILHAGIE AND STRUTHERS BURSARY (*Theology*).—The Gilhagie Bursary was founded in 1753 by Agnes Gilhagie, widow of William Somerville, merchant in Glasgow, for a student in Divinity. It was tenable for four years, the annual value being £6 6s. In 1624 the Rev. William Struthers founded two Bursaries, each of the annual value of £6 13s. 4d., for students of Divinity. By Ordinance of the Universities Commissioners (1858) the two Struthers Bursaries were conjoined into one, tenable for three years, the holder to be M.A., and a student of Divinity. All other restrictions were abolished. By Ordinance No. 82 [2] the Universities Commissioners (1889) combined the Gilhagie Bursary and the Struthers Bursary into one, called the Gilhagie and Struthers Bursary. The Patrons of the joint Bursary are the Magistrates, Town Council, and Ministers of Glasgow, who may present any person without preference as to name, provided that he be a Master of Arts of a Scottish University. The Bursary is tenable for three years, and no longer, subject to the condition that the bursar shall during that period give regular attendance as a student of Theology in the University of Glasgow.

GLASGOW CITY EDUCATIONAL ENDOWMENTS BURSARIES (*Arts, etc.*).—Under scheme 10, section 31, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 19th May, 1885, the Governors of the Glasgow City Endowments Board are instructed to apply the annual sum of £500 in establishing Bursaries at the University of Glasgow. Each Bursary is of the yearly value of £25. One half of these Bursaries are to be awarded among the Queen's Scholars at Training Colleges who have attended two years at the University of Glasgow, on the report of the Board of Examiners appointed by the Scotch Education Department. Every Queen's Scholar obtaining such Bursary shall be taken bound to complete his curriculum for a degree in Arts or Science during the time he holds the Bursary, and thereafter to submit himself for examination for such degree. The other half of the Bursaries are to be awarded by competitive examination among those who have attended public or State-aided schools in Glasgow, and who require aid in obtaining a University education. They are tenable for four years. Forms of application may be had from the Secretary of the Board—Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street—and should be lodged with him on or before the 1st day of September in each year. The names of candidates who are found to possess the prescribed qualifications will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for the first year. The Bursaries will be awarded to those candidates highest in order of merit who fail to win a Bursary at the general competition. In 1895 five Queen's Scholars and three other Bursars will be appointed.

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[1] Vacant through lapse of time.

[2] This Ordinance comes into force when approved by Her Majesty in Council.

Bursars—[1] Hyam Goodman, 1891 ; [1] Adam C. Muir, 1891 ; John W. Fulton, 1892 ; John Wotherspoon, 1892 ; William C. Dick, 1893 ; Robert Tennent, 1893 ; Samuel L. Fulton, 1893 ; Archibald Main, 1894 ; Ritchie Girvan, 1894.

Queen's Scholars—Samuel J. Murray, 1893 ; James A. Reid, 1893 ; William Jordan, 1893 ; James M'Murtrie, 1893 ; John Miller, 1893 ; Duncan Cameron, 1894 ; Allan Gibson, 1894 ; William J. C. Helme, 1894 ; William R. M'Cracken, 1894 ; James L. Skilling, 1894.

GEORGE GRANT BURSARY (*Arts*).—Founded in 1885 by Miss Susan Smith Grant, of West Thorn, Lauder Road, Edinburgh, in memory of her father, George Grant, Esq., cotton spinner, Mile-end, Glasgow. Miss Grant assigned and conveyed to the Senate the sum of £1,200 in trust, to be applied in all time coming for providing one Bursary in connection with the Faculty of Arts. Miss Grant retains the right of nomination to the Bursary during her lifetime, but has provided that in the event of her failing or declining to nominate, and in all cases after her death, the Bursar shall be determined by competitive examination of first year students who are entering on a three or four years' course of study, and the Bursary shall be tenable for three or four years accordingly. On the Bursary falling vacant otherwise than by lapse of time, an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar is required to graduate in Arts, and before payment of the second moiety of the last year's Bursary he must produce evidence that he has taken his degree, or that he has passed all the examinations necessary for graduation. Any accumulations from vacancies or otherwise are to be added to the capital sum.

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[1] Vacant through lapse of time.

Bursar—George Jeffrey, 1895.

George Grant, Junior, Bursary (*Arts*).—Founded in 1885 by Mrs. Agnes Grant or Mair, wife of the Rev. John Mair, D.D., minister of the parish of South Dean, Roxburghshire, in memory of her brother, the late George Grant, junior, cotton manufacturer, Mile-end, Glasgow. Mrs. Mair, with the advice and consent of her husband as her curator and administrator-in-law, and for his interest in the premises, assigned and disponed to the Senate the sum of £1,200 in trust, to be applied by them in all time coming for providing one Bursary in connection with the Faculty of Arts. Mrs. Mair reserves to herself during her lifetime, and thereafter to her husband, should he survive her, the right to nominate to the Bursary, and to fix the classes to be attended by the Bursar and the period of his tenure. After the death of the survivor the period of tenure of the Bursary is to be four years, and the Bursar is to be selected by competitive examination of first year's students. In the event of a vacancy occurring otherwise than by lapse of time an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar shall require to graduate in Arts, and before payment of the second moiety of the last year's Bursary shall produce evidence that he has taken the degree, or that he has passed all the examinations necessary for graduation. Any accumulations through vacancies or otherwise to be added to the capital sum.

Bursar—Daisy Annabella Bennett, 1894.

Hamilton Bursaries (*Three in Arts, and Three in Theology*).—These Bursaries, now six in number, were founded by Anne, Duchess of Hamilton, in 1694. They were regulated by Act of Parliament, 1758, and further regulated by Ordinance No. 96[1] of the Universities Commissioners (1889). There are three Hamilton Bursaries in the Faculty of Arts, and three in the Faculty of Divinity, and each of them is tenable for three years, and no longer. The bursars in the Faculty of Arts shall attend such classes qualifying for graduation in Arts, and in such order as may be approved by the Senate. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to the Bursaries on this Foundation. The bursars in Arts receive £20, those in Divinity £25 per annum each, should the state of the funds permit. The Duke of Hamilton is Patron. (One vacancy in Arts.)

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

Bursars—Charles Macdonald, 1890 (Divinity); William G. Cameron, 1891 (Divinity); David Swan, 1892 (Divinity); John K. Cameron, 1893 (Nat. Phil.); George L. Kerr, 1894 (Mor. Phil.).

HAMILTON EDUCATIONAL TRUST BURSARIES (*Arts*).—Under scheme 39, section 28, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council on 13th May, 1887, the Governors of Hamilton Educational Trust are instructed to apply a sum, not less than £50 yearly, in providing University or Technical College Bursaries. These Bursaries, each of the yearly value of £15, and tenable for three years, are open to be competed for by pupils attending public or State-aided schools in the burgh and parish of Hamilton, who require aid in obtaining a University or higher education. Applications to be lodged with Patrick Keith, Esq., Hamilton, Clerk of the Trust, on or before the first day of September.

Bursars—[1] Gavin Scott, 1892; Robert J. T. Bell, 1893; James Faulds, 1894.

HANNAY BURSARIES (*Arts*).—Three in number, founded in 1865 by the late Mr. Anthony Hannay, merchant, Glasgow, in memory of his deceased wife. To be awarded to young men, not under fourteen, and not above nineteen years of age, who are about to commence their studies in the Arts classes, with a view to the Holy Ministry in connection with any of the Evangelical Religious Denominations in Scotland, and who shall engage to attend during each of the first three years of the curriculum not fewer than two classes. The principal qualifications of those to be selected are good moral character, promising talent, a fair preliminary education, and a want or deficiency in the necessary pecuniary means for pursuing a University education. Candidates for these Bursaries are required to submit themselves to the annual Bursary Examination at the commencement of the Winter Session of the University of Glasgow, or such other examination as the trustees may appoint; but the result of said examination shall only be taken as one of the tests in judging of the merits of the applicants. The Bursaries to be bestowed for three years—one to be given each year. Value, about £15 per annum each. The appointment is vested in the Principal, the Dean of the Faculty of Procurators in Glasgow, and the President of the Faculty of Physicians and Surgeons in Glasgow. Applications to be made to Mr. Robert Brodie, 77 St. Vincent Street, and also to the Assistant Clerk (Matriculation Office) not later than 1st September.

Bursars—[1] Munro Somerville, 1892; John U. Ogilvy, 1893; James Faulds, 1894.

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[1] Vacant through lapse of time.

HASTIE BURSARIES (*One in Arts and Two in Theology*).—The Rev. Mr. Hastie, by Deed of Mortification dated 5th September, 1707, founded a Bursary for a student in this University, which was first awarded in 1718. By an addition afterwards made to the foundation, the number of Bursaries was increased to three, two in Divinity and one in Philosophy.

The Universities Commissioners (1858), in an Ordinance of date 31st May, 1862, made regulations for these Bursaries, and further regulations have been made by the Commissioners (1889) in Ordinance No. 90.[1] There are now three Bursaries on this Foundation, each £25 in value—one in Arts and two in Theology. The Bursary in Arts is open by competition to all students entering on their first session of attendance in the Faculty of Arts, and is tenable for four years, but if a student graduate at the end of three years, he shall only retain his Bursary for the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The Bursaries in Divinity are open by competition to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first session of attendance in the Faculty of Divinity. They are tenable for three years, and no longer. In other respects the provisions of Ordinance No. 57 of the Universities Commissioners (1889) apply to all the Hastie Bursaries.

Bursar in Arts—Robert D. Bell, 1894.

Bursars in Theology—[2] George G. Duncan, M.A., 1892 ; Alexander O. Taylor, M.A., 1894.

GLASGOW HIGHLAND SOCIETY'S BURSARIES (*Fifteen in Arts and Five in Medicine*).—In 1892 the managers of the Glasgow Highland Society framed a scheme of Scholarships and Bursaries for students of Highland descent. The scheme includes Scholarships tenable at Secondary or Technical Schools, and Bursaries tenable at the Glasgow and West of Scotland Technical College and at the University. The University Bursaries in Arts are fifteen in number, each of the annual value of £20, and tenable for four years in the Faculty of Arts, but the continuance of a Bursary in the second and subsequent years is dependent on the character of the certificates obtained by a Bursar in his classes in the previous year. They are awarded by competition among students of the first year. The Bursaries in Medicine, each of the annual value of £25, are tenable for four years in the University, or any other College approved by the managers. Candidates must pass the preliminary examination of the College at which they desire to attend, and the managers reserve to themselves the right to appoint the most suitable. In 1895 there will probably be three Bursaries in Arts and one in Medicine open to competition. Secretary, R. Hope Robertson, Esq., 58 St. Vincent Street.

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[1] This ordinance, issued on 15th February 1895, comes into force when approved by Her Majesty in Council.

[2] Vacant through lapse of time.

Bursars in Arts—Archibald Anderson, 1892; John M'Nab, 1892; Robert Orr, 1892; Neil Ross, 1892; Ebenezer H. Fraser, 1893; Charles M'Pherson, 1893; Gilbert Dick, 1893; Duncan Matheson, 1893; Hector W. Mackay, 1893; Charles Matheson, 1894; Walter Shaw, 1894; Æneas M'Master, 1894.

Bursars in Medicine—William Duncan, 1893; Daniel Morrison, 1893; Charles M'Lean, 1894; John M'Millan, 1894.

HOWISON AND GILCHRIST BURSARY (*Arts*).—In 1613 the Rev. John Howison, Minister of Cambuslang, founded a Bursary for a qualified scholar of honest name and good report, son of a craftsman of Glasgow. Failing the son of a craftsman of Glasgow, any other qualified scholar might be selected by the Patrons. Mr. John Gilchrist, tailor in Glasgow, founded in 1700 a Bursary in Philosophy for a student, being the son of a tradesman freeman in the burgh of Glasgow, with a preference to the names Gilchrist, Bryce, and Boyd.

By Ordinance No. 89[1] the Universities Commissioners (1889) combined these two Bursaries into one, called the Howison and Gilchrist Bursary. The Patrons are the Trades' House of Glasgow, and any person may be presented without restriction as to birth or preference as to name. The Bursary is tenable for four years, but if a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to this Bursary. Value £17 per annum.

HUTCHESONS' EDUCATIONAL TRUST BURSARIES.—Under Scheme 9, Section 40, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 5th March, 1885, the Governors of Hutchesons' Educational Trust are instructed to apply an annual sum of not less than £400 in establishing University or Technical College Bursaries. These Bursaries, each of the yearly value of £20, and tenable for four years, are open to be "competed for by boys who have attended not less than two sessions in the Secondary Department of Hutchesons' Grammar School." Forms of application may be had from the Secretary of the Trust—Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street—and should be lodged with him on or before the first day of September in each year. The names of candidates who are found to possess the prescribed qualification will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for the first year. The Bursaries will be awarded to those candidates highest in the order of merit who fail to win a Bursary at the general competition. In 1895 five Bursars will be appointed.

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

Bursars—[1] James Weir, 1891 ; [1] Robert O. Whyte, 1891 ; [1] Lewis M'Lachlan, 1891 ; [1] James G. Green, 1891 ; [1] Richard N. Pattison, 1891 ; John M. Stewart, 1892 ; Robert Howie, 1892 ; John Brash, 1893 ; Robert F. Ballantyne, 1893 ; John Edgar, 1893 ; Thomas M'Laren, 1893 ; William Marshall, 1894 ; William G. Burn, 1894 ; James H. Macdonald, 1894 ; Roderick G. Macdonald, 1894 ; Matthew Hunter, 1894.

THOMAS HUTCHESON BURSARY (*Theology, Law, or Medicine*).—This Bursary, formerly known as the Old Library Bursary, was founded by Mr. Thomas Hutcheson of Lambhill in 1641. Preference was given to a son of a burgess, particularly one of the name Hutcheson or Herbertson. The Patrons are the Magistrates and Town Council of Glasgow. Ordinance No. 83 [2] of the Universities Commissioners (1889) prescribes that the Bursary shall be called the Thomas Hutcheson Bursary, and that it shall be lawful for the Patrons to appoint to it, without preference as to name or birth, any Master of Arts who is entering on his course of study in any one of the Faculties of Divinity, Law, or Medicine. The Bursary is tenable for four years, but if a bursar in Divinity graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study in Divinity approved by the Senate. Value £11 2s. 2¾d. per annum.

HYNDFORD AND ROSS BURSARY (*Arts*).—In 1617 Mr. Michael Wilson founded a Bursary, called the Hyndford Bursary, for a student in Philosophy. The right of presentation belonged to the representative of Sir James Carmichael, viz., Sir W. C. Anstruther, Bart. In 1659 Captain William Ross of Rosseyle founded the Ross Bursary for a student in Languages and Philosophy. The appointment was vested in the Earl of Glasgow. By Ordinance No. 95 [2] of the Universities Commissioners (1889), these two Bursaries were combined into one, to be called the Hyndford and Ross Bursary. It is tenable for four years, but if the bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The patronage of the Bursary is vested in Sir W. C. Anstruther, Bart., and his heirs, and the Earl of Glasgow and his heirs, who exercise their right of presentation by turns, beginning with the former. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to the Bursary. Value £10 16s. 8d.

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[1] Vacant through lapse of time.

[2] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

Hyndford Bursar—Henry Murphy, 1893.

JOHN FERGUSON JAFFREY BURSARY IN MENTAL PHILOSOPHY (*Arts*).—This Bursary, founded in 1877, is of the annual value of £34, and shall be awarded to a student on entering the third session of his attendance, *i.e.*, a student who has attended at any of the Scottish Universities during each of the two previous sessions at least two classes in the Faculty of Arts other than the classes of Logic, Moral Philosophy, and English Literature, or who, having passed the Preliminary Examination in Humanity and Greek, has attended for one session the higher classes in those subjects, and who proposes to attend in the following sessions the classes of Logic, Moral Philosophy, and English Literature. Candidates are examined in such subjects in English Literature and Logic as may be fixed by the Senate. The examiners are the Professors of English Literature, Logic, and Moral Philosophy. The Bursary shall, as a rule, be tenable for two years, but on condition that the Bursar, during the two years of his tenure, shall complete his attendance on the classes of Logic, Moral Philosophy, and English Literature, and shall also attend one at least of the advanced classes taught by the Professors of Logic and Moral Philosophy, and shall pass the examinations in Logic, Moral Philosophy, and English Literature for graduation in Arts. The subjects of examination are—Professor Veitch's *Institutes of Logic*, Part I. (Large print only); Descartes (English Translation of 1879 or subsequent edition), *Introduction*, sections I., II., III., IV., V., VI.; *Meditations*, I., II., III., IV.; Shaw's *English Literature* (Murray's Student's Manual) Chaps. IV., V., VI., VII., XI.; Shakespeare's *Julius Cæsar*, as edited by Beeching (Longman's Falcon Series); Zeller's *Socrates and the Socratic Schools* (translated by Reichel), pp. 1-200.

Bursar—[1] William K. Gillies, 1893.

MALCOLM KERR BURSARIES (*Science, etc.*).—Two in number, founded in 1874, and consisting each of half the free annual proceeds of a sum of £1,000, bequeathed by the late Mr. Malcolm Kerr, stationer in Glasgow. One of the Bursaries is in Natural Philosophy, the other in Chemistry. The Bursaries are given on examination, and are tenable for three years, provided the Bursars continue for so long to prosecute in the University Laboratories, to the satisfaction of the Senate, the study of Natural Philosophy and Chemistry respectively. The subjects of examination in Natural Philosophy are the same as those for M.A., with Second Class Honours; and in Chemistry, the same as those for the Final Science Examination for B.Sc. Present value, £15 to each Bursar. The next appointment in Natural Philosophy will be made in 1895.

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[1] Vacant through lapse of time.

KING WILLIAM'S BURSARIES (*Two in Arts and Two in Theology*).—These Bursaries, founded by His Majesty King William III. in 1695, were formerly six in number and known as the Exchequer Bursaries. They were tenable for six years—the first in Logic, the second in Moral Philosophy, the third in Natural Philosophy, and the last three in Divinity. The bursars in Philosophy received £10 per annum each, and those in Divinity £13 6s. 8d. The Foundation was regulated by Act of Parliament, 1758. By Ordinance No. 99[1] the Universities Commissioners (1889) altered the conditions and directions affecting the Foundation, making two Bursaries in the Faculty of Arts each of the annual value of £15, and two in the Faculty of Divinity each of the annual value of £20. Each of the Bursaries is tenable for three years, and no longer. The Bursaries in Arts are open by competition to all students entering on their first year of attendance on a course of study for graduation in Arts. The Bursaries in Divinity are open by competition to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first year of attendance on a course of study for graduation in Divinity. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to the Bursaries on this Foundation.

THE KINTYRE (KER) BURSARY (*Any Faculty*).—This Bursary, founded in 1862 by Robert Ker, Esq., of Auchinraith, merchant in Glasgow, originated in the Founder's desire "to increase the opportunities of acquiring knowledge to the natives of Kintyre."

The Office-bearers of the Kintyre Club were appointed Patrons. By the Deed of Mortification, the free proceeds of a sum of £500 sterling—about £20 sterling—were appointed to be paid to a student to be nominated by them, and who should enjoy the said Bursary for the term of three years while prosecuting his studies at the Glasgow University, with power to the Patrons to determine, in every case, whether the Bursary should be granted for a longer or shorter period than three years, but in no instance is it to be granted for a longer period than four years to the same student. No restriction is placed upon the student as to his profession or calling. Applicants must be connected with Kintyre, and be entering the University for the first time. When a vacancy occurs application should be lodged with the Honorary Secretary of the Kintyre

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Club, R. Harvey Pirie, LL.B., 173 St. Vincent Street, Glasgow, on or before 10th June.

Bursar—John Girvan, 1893.

THE KINTYRE (ALEXANDER LOVE) BURSARY (*Any Faculty*).—This Bursary was founded in 1890 by the family of the late Alexander Love, of Campbeltown. It consists of the free proceeds of a sum of £300 sterling—about £11—and is administered by the Office-bearers of the Kintyre Club. The Bursar must be a native or the son of a native of Kintyre, or actually resident there, and entering upon his first session at the University. His circumstances must be such as to render aid important. The period of tenure is not to exceed four years. When a vacancy occurs application should be made to the Hon. Sec. of the Kintyre Club, R. Harvey Pirie, LL.B., 173 St. Vincent Street, Glasgow.

Bursar—[1] James Moffat, 1891.

LAING BURSARY OR BURSARIES (*Arts*).—The late Alexander Laing, LL.D., some time Professor of Mathematics in Anderson's College, Glasgow, who died in 1882, bequeathed to trustees the sum of £500 to found one or two Bursaries in the Faculty of Arts. The trustees by a deed, dated 26th July, 1883, conveyed to the Senate the sum of £500 of the preference 4 per cent. stock of the Glasgow and South-Western Railway Company, under certain conditions and regulations. The foundation is for providing, in the option of the Senate, one Bursary of £20, or two of £10 each. The Bursary is open to competition to all students entering on their first session in the Faculty of Arts (a preference being given, *cæteris paribus*, to natives of Brechin). The period of tenure is three years. Should the Bursary become vacant otherwise than by lapse of time, the income of the fund during the vacancy is to be added to capital.

Bursar—John J. Ross, 1893.

JAMES LAING BURSARIES (*Arts*).—Founded in 1892, under the Trust Disposition and Settlement of Mr. James Laing, Writer, Denny. So far as the funds admit, the Trustee appoints annually to two Bursaries, each of the annual value of £25, and tenable for four years. They are open to candidates who have been educated for at least three years in any school or schools in the County (including the Burgh) of Stirling, and who are entering upon their first or second year of study in the University of Glasgow. Applications with certificates of qualification and good conduct from the teacher or teachers under whom candidates have been educated, should be lodged with Mr. William Jenkins, Writer, Denny, not later than 1st September. The names of candidates who are found qualified will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries. Failing candidates qualified as above, the Bursaries are open to competition to students of the first or second year from any part of Scotland. (Two vacancies.)

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[1] Vacant through lapse of time.

Bursars—James C. Saunders, 1892; William Phillips, 1893; William Thomson, 1893; David Bain, 1894; Peter Auchinachie, 1894.

Lamb Bursary (*Arts or Theology*).—Founded in 1863, by the late Rev. Dr. William Lamb, minister of Carmichael, and appropriated to a student in Arts or Divinity. Bursar appointed by the Minister and Kirk Session of Carmichael. The preference to applicants in the parish of Carmichael or Pettinain, and the restriction to applicants from the Presbytery of Lanark, were cancelled by Ordinance No. 57 of the Universities Commissioners (1889). Value about £12 per annum.

Bursar—Andrew S. Gilchrist, 1893.

Leadbetter Bursary (*Arts*).—This Bursary was founded in 1855 by Mr. John Leadbetter, merchant, Glasgow. It was made tenable for four years, and the classes to be attended by the Bursar in each of the four years were prescribed. A preference was given to boys who had attended the five years' Classical Course of the High School of Glasgow. Patrons—The Lord Provost and Magistrates. Ordinance No. 88[1] of the Universities Commissioners (1889) empowers the Patrons to present to the Bursary any person who has completed the five years' Classical course of the High School of Glasgow, whom failing, any person, without restriction as to parentage, who has received a similar classical education elsewhere. The Bursar must attend the Latin and Greek classes in the University during at least one year, and thereafter continue a course of study in the University necessary for the Degree of Master of Arts. The Bursary is tenable for four years, but if the holder graduate at the end of three years he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 (see Appendix II.) apply to this Bursary.

Bursar—[2] William C. Mitchell, 1891.

Archbishop Leighton Bursary (*Arts and Theology alternately*).—Robert Leighton, Archbishop of Glasgow, founded in 1681 two Bursaries, which were tenable for four years in Philosophy, and two or three years in Divinity. By Ordinance No. 86[1] of the Universities Commissioners (1889), the two Bursaries were combined into one of the annual value of £18, to be called the Archbishop Leighton Bursary. An appointment is made of a Bursar in the

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[2] Vacant through lapse of time.

Faculty of Arts, and at the end of his period of tenure an appointment in the Faculty of Divinity, and so on alternately, the period of tenure in each case being three years, and a person who has held the Bursary in Arts being eligible for appointment also in Divinity. The provisions of Ordinance No. 57 (see Appendix II.) apply to this Bursary. When a vacancy occurs, two students are nominated by the Town Council, and examined by the Senate, who prefer the best scholar.

JOHN LEYDEN BURSARY (*Arts*).—Founded in 1879 by the Glasgow Border Counties Association in memory of John Leyden, poet and scholar. The Fund consists of the sum of £429 3s. 8d. raised by subscription. The Bursary is open to free competition under the same regulations as the competition Bursaries in the University. Tenable for three years. The holder to pass through the Arts course, and at the termination thereof to take the Degree of M.A.
Bursar—James E. Henderson, 1893.

JAMES LOCHHEAD BURSARY (*Arts*).—Founded in 1886 in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £500 for that purpose, in memory of her brother, who died in Ohio. A preference is given to students of the name of Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. The Bursary is tenable for three years in the Faculty of Arts. (Vacant.)

LOCHHEAD AND MITCHELL BURSARIES (*Arts*).—Two in number and of equal value, founded in 1886, in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £2,000 (free of legacy duty) for that purpose. A preference is given to students of the name of Mitchell or Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. They are tenable for four years in the Faculty of Arts.
Bursars—[1] Ebenezer Mitchell, 1891; James D. Mitchell, 1892.

LOGAN BURSARIES (*One in Theology and One in Medicine*).—Two in number, one in Divinity and one in Medicine, founded in 1863, by Mrs. Logan, widow of Mr. William Logan, tinsmith in Glasgow. The Bursary in the Faculty of Divinity is tenable for three years, and the one in the Faculty of Medicine for four years. The preference to the names Logan and Johnstone was cancelled by Ordinance No. 57 of the Universities Commissioners (1889). The value of each is £16 per annum. Appointment by the Senate.
Bursar in Theology—John G. Cranmer, 1893.
Bursar in Medicine—Alexander D. Thompson, 1893.

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[1] Vacant through lapse of time.

Lorimer Bursaries (*Four in Theology, Four in Medicine, and Eight in Arts*).—By Trust Disposition and Settlement, of date 17th October, 1872, the late Mr. John Lorimer, merchant in Glasgow, directed his Trustees to make over to the Principal and Professors of the University of Glasgow, the residue of his estate, amounting to the sum of £8,594 5s. 5½d., the annual proceeds of £5,000 thereof to be applied in payment of Bursaries of an amount not exceeding £50 each, and tenable for three years. One Bursary at least is to be payable to a matriculated student of each of the following subjects:—1, Theology; 2, Medicine; 3, Philosophy; 4, Mathematics; and the proceeds of the remainder of such residue are to be applied in payment of smaller Bursaries tenable by students of the above-mentioned subjects.

The following regulations have been adopted by the Senate:—

1. The Bursaries shall be sixteen in number—namely, eight of the annual value of £25, and eight of the annual value of £20, and shall be tenable for three years.

2. Four Bursaries—viz., two at £25, and two at £20 shall be held by Students of Theology, and shall be open to competition to students entering the Divinity Hall. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations for the degree of B.D.

3. Four Bursaries—viz., two at £25, and two at £20, shall be held by Students of Medicine, and shall be open to competition to students who have attended the first session of their professional study in the University of Glasgow. The subjects of examination, which shall be prescribed by the Medical Faculty, are Elementary Anatomy, Elementary Chemistry, and Botany. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed his Final Professional Examination for the degree of M.B.

4. Four Bursaries—viz., two at £25, and two at £20, shall be open for competition to students who, having passed their whole Preliminary Examination, are entering on their second session of attendance, and who propose to attend in the following sessions the classes of Logic, Moral Philosophy, and English Literature. Candidates shall be examined in such subjects in English Literature and Logic as may be fixed by the Senate. The Examiners shall be the Professors of English Literature, Logic, and Moral Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment, he must enter one or more of the classes of English Literature, Logic, and Moral Philosophy, and in the course of his tenure of his Bursary must attend, besides the above classes, one or more of the Honours classes in Logic and Moral Philosophy. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed examinations in Logic, Moral Philosophy, and English for graduation in Arts.

5. Four Bursaries—viz., two at £25, and two at £20, shall be open for competition to students who, having passed the whole Preliminary Examination, are entering on their second session of attendance. Candidates shall be examined in such subjects in Mathematics as may be fixed by the Senate. The Examiners shall be the Professors of Mathematics and Natural Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment he must enter the class of Mathematics, and prosecute the course of study required for passing the Honours examinations in Mathematics and Natural Philosophy for a Degree in Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations in Mathematics and Natural Philosophy for graduation in Arts.

In session 1895-96 four of the above £25 Bursaries will be open to competition—viz., one in Theology, one in Medicine, one in Philosophy, and one in Mathematics. The Bursary in Theology will be decided by the results in the general competition for Bursaries in Theology. The competition for the Bursary in Medicine will be held along with the examinations for the Rainy Bursary. For the Bursary in Philosophy the subjects of examination will be those prescribed for the John Ferguson Jaffrey Bursary (see p. 241), and the examination will take place along with the Autumn examinations for M.A. in English and Logic. The examination for the Bursary in Mathematics will take place along with the preliminary examinations in Mathematics for M.A., but may embrace higher papers.

Bursars in Theology—[1] Charles W. Hutcheson, M.A., 1892; Andrew S. Gilchrist, 1893; Hugh T. S. Morrison, 1893; Walter G. Forsyth, 1894.

Bursars in Medicine—[1] Joshua Ferguson, M.A., 1892; William G. Liston, 1893; James Alston, 1893; David S. Harvey, 1894.

Bursars in Arts—[1] Angus King (Phil.), 1892; [1] William A. Lindsay (Math.), 1892; Hyam Goodman (Phil.), 1893; Thomas F. Kinloch (Phil.), 1893; John Miller (Math.), 1893; Adam B. Stewart (Math.), 1893; James Johnston (Phil.), 1894; James E. Henderson (Math.), 1894.

LUMSDEN BURSARY (*Theology*).—This Bursary was founded in 1850, by Mr. James Lumsden, stationer, Glasgow. Value £15. It is given to a Divinity student of the first year, and may be held for four years. There is a preference to sons of members, or of deceased members of the Stationers' Company of Glasgow. The Patrons, viz., the Principal, the Professors of Divinity, Hebrew, and Church History, and the President of the Stationers' Company—have resolved that when no candidate with a preferential claim applies for the Bursary it shall be awarded in accordance with the results of the competition for Bursaries in Theology.

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[1] Vacant through lapse of time.

Bursar—Gillespie Campbell, 1894.

Lusk Bursary (*Arts*).—Founded in 1876, in accordance with holograph settlement executed by Mr. Robert Lusk, merchant in Greenock, who bequeathed the sum of £1,000, reduced by legacy duty to £900, for "a Bursary in connection with the Glasgow University, to be given to the most successful student attending the preparatory course of studies in said University who may intend to follow out the ministry in connection with any of the Presbyterian bodies in Scotland," "and who may, on public examination or competition, be found to be best qualified and most deserving." The competition is open to first or second year's students in Arts. Tenable for three years, but may be continued for an additional year. Value, £20 per annum.

Bursar—Robert Aitken, 1894.

Macarthur Bursary (*Medicine*).—Founded in 1881 by Miss Jean Macarthur, in memory of her uncle, John Macarthur, Doctor of Medicine, in Glasgow. The Bursary consists of the annual proceeds of £500. The administration is vested in a Committee appointed annually by the Faculty of Physicians and Surgeons of Glasgow. The Bursary must be held by a student prosecuting the study of Medicine in the University of Glasgow. Under the rules laid down by the Committee, applicants must have completed two winter sessions of medical study. Preference will be given to applicants who have taken one or more First Class Certificates in the Medical Classes. The Bursary is tenable for two years.

Application to be made prior to 15th April to Mr. Alexander Duncan, Faculty Hall, 242 St. Vincent Street, Glasgow, who will furnish forms of application.

Bursar—Archibald Jubb, 1895.

M'Crie Bursaries (*Arts*).—These Bursaries were founded by the Rev. James M'Crie, D.D., of Dangart, Senior Minister of the U.P. Congregation of Old Meldrum, in the County of Aberdeen. They are of the annual value of £25, tenable for four years, provided the holder passes a prescribed examination at the commencement of each session and complies with the other conditions mentioned in the Deed of Foundation. The Bursary fund consists of certain lands in the parish of Colmonell and other heritable and movable property mortified for the purpose and vested in the Magistrates and Town Council of Ayr. The candidates must have been born in the parishes of Ballantrae, Colmonell, Barr, Girvan, Ayr, Old Meldrum, Tarves, Daviot or Bourtie, or in the City of Aberdeen, or in the Town of Ayr. The students must also be the sons either of mechanics, or of cottars, or of farmers not paying more than £100 of yearly rent, or of ministers not having more than £130 of yearly income, without respect to religious sect or denomination. Candidates of the names of M'Crie, Forsyth, M'Cracken, or Spark, are to have a preference if otherwise deserving. The Bursaries may be held along with other Bursaries. Two of the Bursaries on this foundation will be competed for in October next, and the examination will be held in Ayr. Candidates will be examined on the following subjects :—Classics : Latin, Greek. Mathematics : Arithmetic, Algebra, up to and including simple equations, Euclid, Books I. to III. English : Composition, Geography, and History of Scotland. Candidates must send their names and addresses to A. G. Young, Esq., Town Clerk, Ayr, not later than 1st October, 1895.

JAMES MELVILLE M'CULLOCH BURSARY (*Arts*).—Founded in 1885 in memory of the late Rev. James Melville M'Culloch, D.D., minister of the West Parish, Greenock. It consists of the free annual income of about £400. It is open to competition to students of the first year in the Faculty of Arts, who shall have been educated for not less than three years at any school or schools in Greenock. Tenable for four years, the Bursar attending the qualifying course for the Degree in Arts. The second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations required for the Degree of Master of Arts. In the event of a vacancy occurring otherwise than by lapse of time, the Senate may appoint a student of the same standing qualified in like manner, or may arrange a new competition. (Vacant.)

MACDONALD BURSARIES (*Arts, Law, or Medicine*).—Two in number, founded in 1882, in terms of the Trust Disposition and Settlement of Mr. Alexander Macdonald, M.P., who bequeathed to the University £1,000 for the purpose of assisting students in a course of purely secular education. The Bursaries are equal in value and tenable for four years in Arts, Law, or Medicine. Only miners under the age of twenty-one years, who have worked underground in any part of the United Kingdom, are eligible as candidates. The Bursaries are awarded in accordance with the results of an examination in general knowledge, particularly in writing, arithmetic, geography, grammar, and history. (One vacancy.)

Bursar—John Macdonald, 1892.

JOHN AND ISABELLA MACDOUGALL BURSARIES (*Arts*).—Founded in 1884, under the Trust Disposition and Deed of Settlement of Miss Isabella Macdougall, Perth. Miss Macdougall directed her Trustees to devote the residue of her means and estate to the foundation and endowment of one or more Bursaries, payable to students born in the county or city of Perth, attending the classes in the Faculty of Arts, in the Universities of Edinburgh, Glasgow, and St. Andrews.

The Bursaries are of the annual value of about £33, and are tenable for a period not exceeding three years. The Trustees are the Patrons. The candidates, who may be of any religious denomination, must undergo an examination by examiners appointed by the trustees. The Bursaries are open to students who are either (1) about to enter on their first session, and who shall pass the Preliminary Examination in Arts, or (2) who have already attended the junior classes for one session. A vacancy occurring otherwise than by lapse of time may be filled up by the appointment, after examination, of a student of equal standing with the retiring Bursar. It is not competent for any person to hold any of these Bursaries along with any other Bursary or appointment yielding to him an annual income of fifty pounds or upwards. The Trustees are the following ministers in Perth, viz.:—The Rev. Wm. G. H. Carmichael, East Church Parish; the Rev. Archd. Fleming, St. Paul's Church Parish; the Rev. Robert Milne, West Church Parish; the Rev. William Main, Middle Church Parish; and their successors in office for the time being, and Mr. Wm. Cochrane Young, solicitor in Perth. Candidates are requested to send in their names and addresses to Mr. Young, 9 St. John Street, Perth, on or before 1st September. (One vacancy.)

Bursars—William S. Mackenzie, 1893; Robert B. Young, 1894; Thomas Pullar, 1894.

MALCOLM M'EWEN BURSARY (*Arts or Science*).—Mr. William M'Ewen, tobacco manufacturer, Glasgow, who died on 16th December, 1878, by his Trust Disposition and Settlement, dated 28th November, 1878, directed his trustees, Mr. James Boyd, writer, Glasgow, and others, to devote a sum of £500 to the foundation of a Bursary in the University of Glasgow, to be called the "Malcolm M'Ewen Bursary," in memory of his brother, Mr. Malcolm M'Ewen, who died on 16th January, 1878. The Bursary was founded in 1884. After consultation with the Senate, the Trustees resolved that the regulations for the Bursary should be as follows:—The Bursary is open to competition at the annual Bursary Examination to all students entering on the first session of attendance at the University, is awarded by the Senate in accordance with the results of that examination, and is tenable for four years. The Bursar on his appointment must elect to follow either the course of study qualifying for the Degree of M.A., or the course of study qualifying for the Degree of B.Sc., and must attend at least two classes each winter session. The Bursary is payable by equal moieties on the second day of February, and at the close of the winter session, but the second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations for the Degree appropriate to the course of study chosen by him at the beginning of his tenure of the Bursary. A vacancy occurring otherwise than by lapse of time may, in the discretion of the Trustees, either be filled up at the first term thereafter, or not till the usual term at which the competition for the Bursary would, in ordinary course, have fallen due, and, in the latter event, accumulations from this source are to be added to the capital fund.

Bursar—[1] James M. Templeman, 1891.

JAMES MACFARLANE BURSARY (*Theology*).—Miss Helen Macfarlane, who died on 12th March, 1886, by a Codicil dated 15th August, 1882, to her Trust Disposition and Settlement, directed her Trustees to hand over to the Senate the Portrait of her late brother, Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and the sum of £1,000 free of legacy duty for the foundation of a Bursary in the Faculty of Theology, in memory of her brother, the Rev. Dr. James Macfarlane, minister of Duddingston. Preference to the name Macfarlane. The competition is open to Divinity students of the first year, who hold a Degree in Arts of any Scottish University, or who have passed their examinations in any four subjects taken out of at least two departments for graduation in Arts. The Bursary is tenable for three years, but in the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar.

Bursar—David G. Webster, M.A., 1894.

JOHN MACFARLANE BURSARY (*Medicine*).—Founded in 1874 by the brothers and sister of the late Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and to his memory. Patrons—The Medical Faculty. Value, about £40. Tenable for three years. The competition is open to students who have attended the first session of their professional study in the University of Glasgow. The Examination will be held at the close of the first session of professional study. The subjects of Examination to be prescribed by the Patrons; and the success of the candidates in the examination in General Education will form an essential element of the decision. Any surplus which may accumulate from vacancies or otherwise, to be applied to establish a "Macfarlane Prize" in the Class of Practice of Medicine. The subjects of Examination for this Bursary are Elementary Anatomy, Elementary Chemistry, and Botany.

Bursar—George Clark, 1893.

ROBERT MACFARLANE BURSARIES.—By a Mutual Trust Disposition and Settlement, of date 7th January, 1888, Miss Mary Ann and Miss Margaret Macfarlane directed their Trustees to make over to the Senate of the University of Glasgow a sum of £3,000 for the foundation of Bursaries in memory of their brother, Robert Macfarlane, Writer, Paisley, out of the estate bequeathed by him to them. The Bursaries are to be given to deserving students at the University of Glasgow looking forward to being lawyers, specially including students in the Law Classes, preference being given to young men connected with Paisley.

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[1] Vacant through lapse of time.

MacGrouther Bursaries (*Arts*).—Two in number, founded in 1872, the one by Mrs. Sophia Susan MacGrouther, widow of Mr. James MacGrouther of Leigham Court Road, Streatham, Surrey, who mortified in favour of certain trustees the sum of £500; the other by the Misses Mary and Jane MacGrouther, residing in Glasgow, his sisters, who also mortified in favour of the same trustees the sum of £500, for the purposes of the foundation, and in memory of, and in fulfilment of the intentions of, the said James MacGrouther. The Senate are the Patrons. The Bursaries are awarded by open competition among students entering the Faculty of Arts for the first time, and are tenable for four years; subject in each case to the condition that the Bursar shall pass the examinations required of students proceeding to the Degree of M.A.

Bursars—[1] James A. Reid, £20, 1891; [1] Allan Martin, £15, 1892 (1891).

Mackintosh Mental Science Bursary (*Medicine*).—Founded in 1889 by Dr. Donald Mackintosh, of London, in memory of his brother, Dr. Alexander Mackintosh, for many years superintendent of the Royal Lunatic Asylum, Gartnavel. Value, about £30. Tenable for one year. The competition is open to matriculated students of medicine who have attended the Lectures on Insanity in the University, and will be awarded in accordance with the results of an examination conducted in June by the Professor of Practice of Medicine and the Lecturer on Insanity acting conjointly. The holder of the Bursary shall, while holding it, devote special attention to the practical study of Insanity to the satisfaction of the Faculty of Medicine.

Bursar—Joshua Ferguson, M.A., 1894.

M'Kechnie Bursaries (*Any Faculty*).—Two in number, founded by the Disposition and Trust Settlement of the late Thomas M'Kechnie, merchant in Girvan, who bequeathed for that purpose the sum of £2,000 to the Minister of the Established Church in Girvan, the Magistrates of Girvan, and others, and appointed them patrons of the Bursaries. The Patrons, in nominating and presenting students to the Bursaries, are instructed to prefer, in the first place, such as are of the founder's kindred; secondly, such as are of the name of M'Kechnie; and thirdly, such as were born in the parish of Girvan, provided that such students are properly qualified by their previous education for entering the University of Glasgow. Failing candidates qualified as above, the Bursaries are to be awarded to those who shall be found best qualified and deserving. The Bursaries are tenable for four years. When a vacancy occurs application should be made to Messrs. W. and D. Andrews, solicitors, Girvan, not later than 31st August.

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[1] Vacant through lapse of time.

Bursars—[1] John M'Kechnie, (Div.), 1891 ; [1] Robert Nelson, (Med.), 1891.

MAITLAND CLUB BURSARY.—In 1888 Dr. W. H. Hill and Mr. J. Wyllie Guild, the then surviving members of Council of the Maitland Club, disposed of the remainder of the stock of the Maitland Club publications, and in pursuance of resolutions passed at meetings of the Council held on 3rd and 17th August, 1870, handed over the proceeds (£140) to the Senate for Bursary purposes. The free income is to be annually bestowed without any competitive examination on such student as the Senate may consider deserving. No appointment will be made until the free annual income amounts to £5.

MARSHALL BURSARIES (*One in Theology and One in Medicine*).—Mrs. Barbara Lauder or Marshall, relict of Alexander Marshall, wholesale stationer, Bell Street, Glasgow, by her Will, dated 8th December, 1874, bequeathed to the Senatus of Glasgow University the sum of £1,000, under deduction of legacy duty, to found two Bursaries of equal value, one in Divinity and the other in Medicine. Tenable for four years. Preference to the name of Marshall, but provided "that the Principal and the Professors shall nominate and appoint such students only to the said Bursaries as they shall find, on such examination as they may appoint, to be properly qualified for entering upon the study of Divinity and Medicine at the said University." Present value, £17 per annum to each Bursar.

Bursar in Theology—Allan M. Nelson, 1893.

Bursar in Medicine—James M'Queen, M.A., 1892.

MARSHALL TRUST BURSARIES (*Arts*).—Under scheme 198, section 29, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 17th March, 1888, the Governors of the Marshall Trust are instructed to apply (1) a sum not exceeding £300 per annum in providing University Bursaries. These Bursaries are awarded by competitive examination among pupils who have held free scholarships or school bursaries under the scheme, and pupils who are resident and attending public or State-aided schools in Lanarkshire or Stirlingshire, whose parents or guardians are of the class specified in section 25 of the scheme. The Governors may apply (2) a further sum of £300 per annum in providing similar Bursaries to be awarded solely to pupils who have held free scholarships under the scheme, who shall have competed for but failed to obtain any of the first mentioned Bursaries, but on condition that such free scholars shall pass the examination prescribed by the Governors. Each Bursary is £30 per annum, and is tenable for not more than five years. Forms of application may be obtained from the Secretary of the Trust—Mr. William Mitchell, 134 Wellington Street, Glasgow—and should be lodged with him on or before the 1st day of September in each year. The names of candidates who are found to possess the prescribed qualifications will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for students of the first year. The Bursaries will be awarded to those candidates highest in order of merit who fail to win a Bursary in the general competition. Under (1) there are two vacancies, and under (2) there are also two vacancies.

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[1] Vacant through lapse of time.

Bursars—Thomas M. Fletcher, 1891; John Reid, 1891; Adam B. Stewart, 1892; David Preston, 1892; James B. Wilson, 1892; John Reid, 1892; Alexander Fraser, 1893; John A. C. Mackellar, 1893; William Scott, 1893; Leonard Stuart, 1893; Harry Diamond, 1894; Thomas Steele, 1894; Gregor Macgregor, 1894; Alexander Brown, 1894.

Menzies Bursaries (*Arts*).—The late Mr. James Menzies, of Glasgow, by his Will, dated 3rd November, 1837, left a sum of money to establish four Bursaries at either of the Universities of Edinburgh, Glasgow, or St. Andrews, tenable for four years, one to be given each year. The value of each Bursary is £45 per annum, but varies at the discretion of the Patrons. The Patrons are Sir Robert Menzies, Bart. of Menzies, and the Parish ministers of Dull, Weem, and Fortingall. In the first place, the kindred of the Testator; secondly, persons of the name of Menzies; thirdly, those born on the Menzies estates, will be preferred—provided always that they shall be found properly qualified by previous education; and failing these, the Patrons can present such as shall be found best qualified after due examination. The following are the subjects of examination:—*English*, Reading and Writing from Dictation; *Arithmetic*, as far as Decimal Fractions; *Euclid*, first three books; *Latin*, Caesar de Bello Gallico, first four books, and to translate a piece from English into Latin; *Greek*, Xenophon's Anabasis, first three books. Bursars to attend in some one of the above Universities the classes in their regular order for the M.A. Degree. Candidates are requested to send their names to Mr. Hugh Campbell, Camserney Cottage, Aberfeldy, on or before 20th September. (One vacancy.)

Bursars—[1]Joseph H. Menzies, 1891; Archibald Menzies, 1892; David M'Leish, 1893; Alan W. C. Menzies, 1894.

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[1] Vacant through lapse of time.

MERCHANTS' HOUSE BURSARIES (*One in Arts, One in Law, and Two in Medicine*).—Founded in 1879, by the Merchants' House of Glasgow. The Bursaries are of the annual value of £25 each, and are four in number—viz., two in Medicine, one in Arts, which may also be held in Engineering and Mechanics, and one in Law, tenable by students attending the requisite classes in the above Faculties, with a preference to the sons of matriculated members of the Merchants' House, and such others as the Lord Dean and Directors may deem deserving. 1. The Bursaries in Medicine are tenable for four years. Candidates must be entering on their first winter session of attendance on the ordinary curriculum for Medical Students. 2. The Bursary in Arts, or in Engineering and Mechanics, is tenable for four years. Candidates must be entering on their first session of study, and must attend each session two at least of the classes in the Arts curriculum, including, at the option of the candidate, the class of Civil Engineering and Mechanics. 3. The Bursary in Law is tenable for three years. Candidates must be entering on their first session of attendance on the classes in the Faculty of Law, and must give regular attendance for the three years on classes in that Faculty. The subjects of examinations for the above Bursaries will be those prescribed for the General Bursary Competition, special importance being given in the examination for the Arts Bursary to the subject of Mathematics. Applications to be lodged with W. H. Hill, LL.D., Clerk to the Merchants' House, on or before 1st September, 1895.

Bursar in Arts—Hugh R. Buchanan, 1894.

Bursar in Law—Alfred J. Fleming, 1893.

Bursars in Medicine—[1]Henry A. Watson, 1891; Walter S. Findlay, 1892.

METCALFE BURSARIES (*Science*).—Founded by the late Miss Sarah Metcalfe, Glasgow, who, by her Deed of Settlement and Codicils, dated respectively 8th August, 30th September, and 7th October, 1853, bequeathed, subject to the liferent of her brother, Mr. William Metcalfe, certain properties in Glasgow, "for encouraging poor students in prosecuting the studies of Mathematics, Practical Astronomy, Chemistry, and Civil Engineering." Mr. Metcalfe died on 25th January, 1869, and by resolution of date 14th April, 1870, the Senate instituted, besides a Metcalfe Fellowship of £100 annual value (for which see Index), at least two Metcalfe Bursaries or Scholarships, each of the annual value of £25, and tenable for two years, subject to the condition that the scholar attend the four classes of Civil Engineering, Senior Mathematics, Practical Astronomy and Chemistry; two at least of these classes to be taken each year. The scholars to be appointed by examination in Pure Mathematics, including the elements of Plane Trigonometry, of Mechanics.

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[1] Vacant through lapse of time.

and of Theoretical Astronomy, from among matriculated students entering the Intermediate Honours class of Mathematics, or the class of Chemistry. (Two vacancies.)

Bursars—James Muir, 1894 ; James Davidson, 1894.

MITCHELL (See Lochhead and Mitchell, p. 245).

MONTEITH BURSARIES (*Arts*).—Founded in 1869 by Mr. James Monteith, of 38 Duke Street, St. James's, London. Three in number, each of the annual value of about £14, and tenable for three years. They are open for competition to all matriculated students of the Faculty of Arts, being natives of Scotland, and sons of Scottish parents, and may be held along with another Bursary. The examination to be in French and German in alternate years. Occasionally an extra Bursary will be given to the second-best candidate, of the same value as the others, but tenable only for one year. At the commencement of session 1895-96 a regular three years' Bursary will be competed for, the examination being in French.

Bursars—[1] Archibald H. Charteris (German), 1892 ; John R. Tannahill (French), 1893 ; Alexander Smith (German), 1894.

JOHN MONTEITH BURSARIES (*Medicine*).—Founded in 1884 by Mrs. Helen Monteith, Greenbank, Dowanhill Gardens, Glasgow, in memory of her husband, the late John Monteith. Mrs. Monteith assigned the sum of £1,000 to Dr. John Gray M'Kendrick, Professor of the Institutes of Medicine, Dr. James Duncan M'Laren, Fellow of the Faculty of Physicians and Surgeons in Glasgow, James Graham, LL.D., writer, Glasgow, and Robert Monteith, her adopted son, as trustees, in the first instance, for the administration of the fund. The annual income after payment of the expenses of administration is to be awarded as two Bursaries to students who have attended the first and second sessions of their professional studies in the University of Glasgow with a view to Graduation in Medicine in that University. The Bursaries are tenable for two years. One Bursary is awarded annually in the month of November, and is given to the candidate who gains the highest number of marks in the subjects of Anatomy and Physiology at the Professional Examinations in these subjects held during the previous year (*i.e.* the April and October preceding said month of November). The founder has directed that it be represented to the holders of the Bursaries that they should feel themselves in honour bound after graduation to render professional assistance to the poor as much as may lie in their power.

Bursars—[1] William H. Lang, 1893 ; Alexander Scott, 1894.

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[1] Vacant through lapse of time.

MORGAN BURSARIES (*Arts and Theology*).—Mr. John Morgan, West India Merchant, who died at Springfield House, Bishopbriggs, on 4th May, 1894, in his Trust Disposition and Settlement directed the Merchants' House to pay over half-yearly to the Presbytery of Glasgow one third of the net revenue of his estate to be applied in providing Bursaries for students in the University of Glasgow intending to become ministers of the Church of Scotland, one third to students in Divinity and two thirds to students in Arts. The students in Arts must be under twenty years of age, and must have passed the Preliminary Examination. The appointments are made for one year only, but may be renewed from year to year for one or more years. No Morgan Bursary shall exceed £20 a year. The holder of another Bursary of £20 or upwards cannot be appointed to a Morgan Bursary, but the holder of a Bursary of less than £20 may be appointed to a Morgan Bursary of such value that the two Bursaries together shall not exceed £20. Further particulars and schedules to be filled up by applicants may be obtained from the Presbytery Clerk.

MUIR BURSARIES (*Two in Arts or Science, Two in Science, and One in Theology*).—Founded in 1880, in terms of the Trust Disposition and Settlement and Codicil thereto of the late Mr. Matthew A. Muir, merchant in Glasgow, who bequeathed to the Senatus Academicus of Glasgow University, free of legacy duty, the sum of £1,000 for providing a Bursary in connection with the Chair of Divinity, to be awarded to a student of Divinity during the last three years of his curriculum; a sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Mathematics, to be awarded to advanced students in Mathematics, the period of tenure to be fixed by the Senate; and a further sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Civil Engineering and Mechanics, to be awarded to advanced students of Engineering and Mechanics, the period of tenure to be fixed by the Senate. Any of the Muir Bursaries in Mathematics and Civil Engineering may be held along with another Bursary.

The following rules and regulations have, in accordance with the provisions of the Deed, been sanctioned by Mr. Muir's trustees, and are to be observed in all time coming:—

1. *Muir Bursary in Divinity.*—Candidates must be entering on their first session in Theology in the University, and the appointment to the Bursary shall be determined by the result of the annual competitive examination for Bursaries in Theology. The competition shall be open to candidates holding a Degree in Arts in any Scottish University, or who have passed their examinations in four subjects taken out of at least two departments for graduation in Arts. The Bursary shall be tenable for three years, but the second moiety

of the third year's Burse shall not be paid until the Bursar shall have passed the examinations for the Degree of Bachelor of Divinity.

2. *Muir Bursaries in Mathematics.*—Two in number, of which the Junior Bursary shall be tenable for two years, and the Senior Bursary for one year, the former being of half the annual value of the latter. The appointment shall be determined by the proficiency shown by the candidates in the earlier part of their Mathematical course, and the successful candidates shall prosecute the study of the Higher Mathematics during their tenure of the Bursaries. No candidate shall be allowed to hold both Bursaries at the same time. Should the Junior Bursary be resigned by the Bursar at the end of his first year of tenure, the Senate may make an appointment for the remainder of the period.

3. *Muir Bursaries in Civil Engineering and Mechanics.*—Two in number, and of equal value. The appointments shall be determined by the proficiency shown by the candidates in the earlier part of their Engineering course. The period of tenure for each Bursary shall be the session of attendance on the Senior Class of Civil Engineering and Mechanics (Class IV.). Should a vacancy occur by reason of non-attendance of a selected candidate, the Senate may make an appointment for the remainder of the period. No candidate shall be allowed to hold both Bursaries.

4. The Senate reserve the right to withhold the Bursary in any case in which a satisfactory standard has not been attained by any of the competitors.

5. Arrangements for carrying out these rules and regulations shall from time to time be made by the Senate, and notice thereof shall be published in the University Calendar.

Arrangements for Session 1895-96.—*Muir Bursaries in Mathematics.*—The appointment to the Junior Bursary, tenable during sessions 1896-97, 1897-98, shall be determined by the results of the written examinations passed in the course of the session 1895-96 by the public students of the Second Class of Mathematics. The successful candidate shall, during session 1896-97, attend the Intermediate Honours Class, and during session 1897-98 the Advanced Honours Class of Mathematics. The appointment to the Senior Bursary, tenable during session 1896-97, shall be determined by the results of the written examinations passed in the course of the session 1895-96 by the public students of the Intermediate Honours Class. The successful candidate shall, during 1896-97, attend the Advanced Honours Mathematical class.

Muir Bursaries in Civil Engineering and Mechanics.—Candidates for the Bursaries tenable during session 1896-97 must be (*a*) students attending during session 1895-96 Engineering Class III., who are also attending or have in a previous session attended the Middle or the Senior Class of Engineering Drawing and Calculations, or (*b*) students attending during session 1895-96 the Middle or the Senior Class of Engineering Drawing and Calculations, who have in a previous session attended the Engineering Class II. or Class III. The appointment shall be made by consideration of merit shown during attendance on, and by examination in the subjects of those classes, together with the following subjects in preparation for the Senior Class of Civil Engineering and Mechanics (Class IV.), viz. :—The elements of Plane Trigonometry ; the elements of Co-ordinate Geometry ; Differential and Integral Calculus in cases of powers of a variable when the index of the power is a whole numeric, and in cases of trigonometrical functions ; Principles of curvature ; Relation between Neperian logarithms, common logarithms, and logarithms in general ; the use of logarithms. The successful candidates shall, during session 1896-97, attend the Senior Class of Civil Engineering and Mechanics (Class IV.).

Bursars in Mathematics.—Junior Bursar for sessions 1895-96 and 1896-97, Joseph White, 1895 ; Senior Bursar for session 1895-96, William Fulton, 1895.

Bursar in Civil Engineering and Mechanics for session 1895-96—John Muir, 1895.

Bursar in Theology.—John Ruggan, 1894.

WILLIAM MUIR DIVINITY BURSARIES (*Theology*).—Established in 1886 by the Governors of the Glasgow General Educational Endowments Board, under Section 35 of their Scheme. The Bursaries are two in number, each of £25 annual value. Candidates must have passed the examination of the Synodical Board for entrance to the Divinity Hall of the University, and must lodge applications with Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, on or before the 25th day of October. The Bursaries are awarded in accordance with the results of the competition for Bursaries in Theology, and are tenable for two years.

Bursars—[1] Robert Pryde, 1893 ; James Eadie, M.A., 1894.

NOTMAN BURSARY (*Theology*).—By deed of Settlement, dated 15th August, 1876, Mrs. Margaret Adam Notman or Napier, of Hillhead, Glasgow, widow of Mr. William Napier, directed her executors to pay over to the Principal and Professors of the Glasgow College, the sum of £500 sterling for the purpose of founding a Bursary in the College, to be called the Notman Bursary, in memory of her father and brother. The Bursar to be a student of Divinity, who shall appear in public examination to be best qualified and deserving. Present value, £17 per annum.

Bursar—William Neil, 1893.

ORR-EWING DUMBARTONSHIRE BURSARIES (*Arts*).—Sir Archibald Orr-Ewing, Bart. of Ballikinrain, M.P., by Bond and Foundation dated 19th September, 1877, bound and obliged himself, his heirs, etc., to pay to the University of Glasgow, and to the Senatus Academicus thereof, as trustees, the sum of £1,600 sterling in seven annual instalments, payable at Martinmas in each of the years following, viz.:—In 1878, £100; 1879, £200; 1880, £300; 1881, £400; 1882, £300; 1883, £200; 1884, £100—to be held and applied for providing four Bursaries of £25 per annum each, tenable for four years, to be competed for in each of the years 1878, 1879, 1880, and 1881. By a letter to the Senate dated 5th February, 1883, he intimated his intention to give yearly four Bursaries of £25 each during his lifetime. Each of the said Bursaries was, as a rule, to be tenable for four years, but on condition that each Bursar should, during or prior to his fourth session of attendance at the said University, pass two out of the three departmental examinations for the said Degree of Master of Arts, wherein if he should fail he should forfeit all right to the said fourth year's payment of £25. In the event of a Bursary becoming vacant otherwise than by lapse of time, the Senatus were to apply the funds thereby left at their disposal for the benefit of Divinity students belonging to Dumbartonshire. Sir Archibald Orr-Ewing died on 27th November, 1893.

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[1] Vacant through lapse of time.

Bursars—Andrew M. Kelly, 1892; David Longwill, 1892; Alexander Wilson, 1892; James Wilson, 1892; Alexander Stephen, 1893; Ivy M'Kenzie, 1893; John Gray, 1893; Ernest H. Cramb, 1893; James F. Craig, 1893.

JAMES PATERSON BURSARY (*Arts*).—Founded in 1885 in commemoration of the completion, in 1879, of the fiftieth year of the existence of Adelaide Place Baptist Church, Glasgow, and of the Pastorate thereof of Dr. James Paterson during the same period. The sum subscribed for the purpose, amounting with interest to £619, was assigned and conveyed to the Senate in trust to be applied in all time coming to provide a Bursary in the Faculty of Arts to be called the James Paterson Bursary. The Bursary is tenable for four years, and is open to competition to any student of the first year in Arts who is a member of a Baptist Church, and who is entering upon his studies with a view to the ministry in the Baptist denomination. The Bursar during his tenure of the Bursary must be a member of Adelaide Place Baptist Church or of some other Baptist Church in Glasgow or neighbourhood. The Bursar must graduate in Arts, and before payment of the second moiety of the last year's Bursary must produce evidence that he has taken the Degree, or that he has passed all the examinations necessary for graduation. On the Bursary falling vacant otherwise than by lapse of time, the Senate may appoint for the remainder of the term, or for the full period after competition. Before payment of the second moiety in each year the Bursar must produce a certificate of fitness for the ministry from a Committee of Adelaide Place

Baptist Church, from the Baptist Union of Scotland, or some recognized Educational Institution of the Baptist Body. (Vacant.)

JAMES ALEXANDER PATERSON BURSARIES (*Arts and Medicine*).—Founded in 1892, under the Trust Disposition and Settlement of James Alexander Paterson (for many years a member of Shamrock Street United Presbyterian Church), who died at Glasgow on 31st January, 1889. The Bursaries in Arts are six in number, three being of the annual value of £40 and three of £20 each, and are tenable for three years. They are open to competition to students entering upon the second year of their attendance at the University, who purpose studying for the ministry in connection with the United Presbyterian Church, and who intend to qualify for and take, in the University of Glasgow, the degree of M.A. Each candidate before the competition must lodge with the Clerk of Senate, (1) a written declaration of his intention to comply with and observe these conditions, and (2) a certificate from the Chairman or Clerk of the Theological Committee of the United Presbyterian Church, bearing that the Candidate is recognized by that Church as an accepted student pursuing his studies with a view to the ministry therein. In November, 1895, two Bursaries of £40 and £20 respectively will be offered for competition. The Examination is in Hebrew (Genesis, chap. xxiii., xxiv.) and Greek (Euripides, *Alcestis*, and Gospel according to Luke). The Bursaries in Medicine are eight in number, four being of the annual value of £30 and four of £15 each, and are tenable for four years. They are open to competition to students entering upon the second year of their medical curriculum at the University of Glasgow, who intend to qualify for and take, in the University of Glasgow, the degree of M.B. Each candidate must before the competition deliver to the Clerk of Senate a written declaration of such intention. The subjects of examination are Mathematics and Natural Philosophy. Two Bursaries of £30 and £15 respectively will be offered to competition in November, 1895.

It shall not be competent for the holders of these Bursaries. whether in Arts or in Medicine, to hold any other Bursary or Scholarship in this University.

Bursars in Medicine—Samuel D. Cowan (£40), 1892; Walter S. Findlay (£30), 1893; John Crow (£15), 1893; William Martin (£15), 1893; Walter Colquhoun (£30), 1894; John J. Buchan (£15), 1894.

Bursars in Arts.—John W. Henderson (£40), 1893; William Macnaughton (£30), 1893; William Fulton (£40), 1894; James W. Patrick (£20), 1894.

PATRICK BURSARIES (*Arts*).—These Bursaries were founded in 1860 by Mr. William Patrick, of Roughwood, W.S., and were originally two in number, the one consisting of the free annual proceeds of a sum of £2,000 of consolidated stock of the Glasgow and South-Western Railway, the other of the free annual proceeds of £1,000 of the same stock. They were tenable for two years, but might be continued for other two. By Ordinance No. 85[1] of the Universities Commissioners (1889) the number of Bursaries was increased to three, all equal in value, and tenable for four years. If a Bursar graduate at the end of three years he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects also the provisions of Ordinance No. 57 (see Appendix II.) apply to the Patrick Bursaries. Candidates must have gone through a course of education at some one of the Public Schools in the County of Renfrew, where a regular course of Classical Study is pursued, and must be in circumstances to render it desirable that they should have assistance in prosecuting their studies at the University. The Rector or Head Teacher of such Public School to grant a certificate to any number, not exceeding four of his best scholars, who shall be entitled to present themselves to the Principal and Professors as candidates for the Bursaries. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office).

Bursars.—[2] James Adam (£80), 1893; James M'Pherson (£40), 1894.

GLASGOW PERTHSHIRE SOCIETY'S BURSARY (*Arts*).—Founded by the Glasgow Perthshire Society in 1873. Value, £25, and tenable for three years. Open to competition to natives and sons of natives of the county of Perth, and also to sons of persons who are *bonâ fide* residents in that county, and have resided in it for not less than three years at the time of the competition. Candidates must be entering on their first year of attendance as students in the University of Glasgow, and the holder of the Bursary will be required to complete attendance on at least two of the classes in the curriculum of Arts in each session. Names of candidates to be sent to Mr. George Gray, writer, County Buildings, Glasgow, Secretary of the Society, not later than the twenty-fifth day of August preceding the competition.

Bursar.—James Cappell, 1894.

POLLOCK BURSARIES (*Arts*).—Founded in 1878, in terms of the Trust Disposition and Settlement of the Rev. Alex. Pollock, senior minister of the Free South Church, Paisley, who bequeathed £3,000, free of legacy duty, for that purpose. The Bursaries are designed to assist young men entering the University of Glasgow, whose circumstances are such as to render it desirable that they should have assistance in prosecuting their studies. The patrons are the Principal and Professors in the Faculty of Arts. Each candidate must lodge along with his application a letter from the Rector, Headmaster, or Classical Teacher of one of the Public Schools or Public Academies within the parliamentary boundaries of the burgh of Paisley, where a regular course of Classical study is pursued, certifying that he has completed his course of education at such school or academy. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office). Should no such qualified candidates present themselves, or should the otherwise qualified candidates fail to reach a satisfactory standard in the Bursary Examination, the Bursary or Bursaries vacant for the time being shall be open to all the candidates in the ordinary Bursary Competition. The Bursaries are three in number, and are tenable for three years, during which period the Bursars must be students in the Faculty of Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations in four subjects taken out of at least two departments for graduation in Arts.

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

[2] Vacant through lapse of time.

Bursars—[1] Adam Hamilton, 1892; George Dock, 1893; Hugh Brown, 1894.

RAINY BURSARIES (*Medicine*).—In 1872, Dr. Harry Rainy, Emeritus Professor of Medical Jurisprudence in this University, made over to the Senate the sum of £1,000 for the institution of two Bursaries in the Medical Faculty, and a further sum of £500 to be invested as a supplementary or augmentation fund. The interest of the Bursary Fund is to be divided annually between the two Bursars; and the interest of the supplementary fund is to be employed towards defraying the expenses of administration, and bringing up, when necessary, the annual salaries of the Bursars to £20 each, and increasing the supplementary fund. Should this fund accumulate to £1,000, one half of it is then to be added to the Bursary fund, the interest of which shall be divided as before between the two Bursars. If by this process of augmentation, which is to be repeated as often as the supplementary fund amounts to £1,000, the Bursary fund shall at length yield £60 per annum to each Bursar, the Senate may continue the same process, or constitute additional Bursaries on the principle explained above, the original Bursaries remaining of the value to which they have been raised by augmentation. The augmentation fund is not at any time to be reduced below £500.

One Bursar shall be elected annually after competitive examination on the subjects of Anatomy, Chemistry, Botany, Physiology, and Zoology. The competition is to be open to all students who have completed two years of the regular Medical curriculum at the University of Glasgow, and who are about to commence their third winter session ; and the examination is to take place in the month of October.

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[1] Vacant through lapse of time.

The successful candidate may hold his Bursary for two years, namely, during his third and fourth years of study in the University of Glasgow. A vacancy occasioned by death, irregular attendance, or misconduct, is not to be filled up till the usual term at which the competition for that Bursary would have fallen due, and accumulations from this source are to be added to the supplementary fund.

In 1895 the competition for one of these Bursaries will be held on 7th and 8th October. Candidates are required to give in their names (with Certificates) to the Assistant Clerk (Matriculation Office), on or before the 19th September.

Bursar.—[1] William Scobie, B.D., 1893 ; Hugh Calderwood, 1894.

RAMSAY WALKER BURSARIES (*Arts*).—Two in number, founded in 1879, under the Trust Disposition and Settlement of Miss Ramsay Walker, Crosshill, who bequeathed £700, reduced by legacy duty to £630, for educating two students with a view to the ministry of the Established Church of Scotland. Preference to kindred of the founder, whom failing, to students of the name of Walker, whom failing, to natives of Glasgow, whom failing, the Bursaries will be thrown open to public competition. Candidates must be qualified by their previous education for entering the University. Tenable for four years. (Both vacant.)

ROSS BURSARY.—(See Hyndford and Ross, p. 240.)

JOHN ROSS, JUNIOR, BURSARY (*Theology*).—Founded in 1880 by Mrs. Ross, widow of Mr. John Ross, junior, merchant in Glasgow, in memory of her husband. Patrons—The Senate of the University. The Bursary Fund consists of the capital sum of £1,000, set aside by Mrs. Ross for that purpose. The Bursary is tenable for three years by a student of Divinity in the regular course of study for the degree of Bachelor of Divinity with a view of becoming a clergyman of the Established Church of Scotland. Candidates must be entering on the first session of their study in Theology in the University, and the award shall be determined by the result of the annual competitive examination for Bursaries in Theology. In cases of equality in the competition there is a preference to the student who may be thought to stand most in need of help to carry on his theological studies, or to one who is a native of Ayrshire. The second moiety of the third year's Burse shall not be paid to any Bursar unless and until he shall have passed all the examinations required for the degree of B.D. In the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar.

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[1] Vacant through lapse of time.

Bursar—Andrew M. Barr, 1893.

SANDERS BURSARY.—(See Boyd and Sanders Bursary, p. 220.)

SCOTT BURSARIES (*Arts*).—The centenary of the birth of Sir Walter Scott was celebrated in Glasgow in 1871, and in conformity with a suggestion made by Lord Stanley (Earl of Derby), then Lord Rector of the University, the committee who had charge of the arrangements resolved to raise by public subscription a fund for the benefit of distinguished students, and to associate it with Scott's name. The amount subscribed was £3500, and accordingly two Bursaries, along with the Scott Scholarship, were founded in 1874. The fund is administered by trustees, two of whom are elected by the Senatus, two by the Merchants' House, one by the Faculty of Physicians and Surgeons, one by the Faculty of Procurators, and one being an Assessor of the Council in the University Court, appointed by the four Assessors or a majority of them, in accordance with the provisions of Ordinance No. 91[1] of the Universities Commissioners (1889). The Bursaries are now three in number, each of the annual value of £25, and tenable for four years. They are open to free competition, under the same regulations as the competition Bursaries in the University. (One vacancy.)

Bursars—Percy Hepburn, 1892; John Murphy, 1894.

SHEARER BURSARIES (*Any Faculty*).—Founded in the year 1887, by Archibald Shearer of Boag, who resided in Beith. By Deed of Mortification executed by Mr. Shearer, dated 29th April, 1887, he conveyed his lands of Boag, in the parish of Kilbirnie, to trustees for the foundation and endowment of three Bursaries for the advancement of the higher education of the young men of his native parish of Dalry, in the county of Ayr. The Deed provides that the Bursaries shall be open to applicants between the ages of fourteen and twenty-four, who are the sons of parents or of a surviving parent *bonâ fide* resident for a period of not less than two years immediately preceding the date of application in the parish of Dalry, or to applicants who, for a period of not less than the last two years of their school curriculum, have received their education in the schools within the said parish, to enable the Bursars to pursue their education as students at the University in one or other of the Faculties. Students who have enjoyed a Bursary during their Arts course are eligible for a second Bursary in another Faculty. Applicants to undergo such examination as the trustees may from time to time appoint. Each Bursary to be one-third of free income from the lands of Boag, but not exceeding the annual sum of £30, and to be tenable for three years. Further information will be afforded by the Agents of the Trustees, Messrs. J. & J. M'Cosh, writers, Dalry.

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

Bursar—William Maclure, 1893.

SHIPWRIGHTS' COMPANY BURSARY.—In 1893 the Shipwrights' Company, London, intimated their intention to give a Bursary of the annual value of £25 to be competed for in the month of October by persons who intend to become students of Naval Architecture in the session then beginning. A preference is given to a candidate whose circumstances make pecuniary assistance of special value in the prosecution of his studies, and who comes to the University after serving in a shipyard. The subjects of examination are those prescribed for the Preliminary Examination in Science.

Bursar—[1] Lewis A. Smart, 1894.

SMITH (CRUTHERLAND) BURSARY (*Any Faculty*).—In 1849 Dr. John Smith, of Crutherland, founded two bursaries, which were not restricted to any particular Faculty. Patrons—The Directors of the Incorporated Company of Stationers. Sons of members of the Company are preferred, then sons of persons connected with any of the trades included in their charter, whom failing, such other students as may be approved of by the patrons. The value of each was £9 per annum, and they were tenable for one or more years at the option of the patrons. Ordinance No. 77,[2] issued on 15th February, 1895, provides that the two bursaries shall hereafter be conjoined into one, and that the bursary shall be tenable for four years. If a bursar in Arts graduate at the end of three years, he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. If a bursar in Divinity graduate at the end of three years he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study in Divinity approved by the Senate. Applications to be made to Mr. R. Brodie, 77 St. Vincent Street, Glasgow. (No vacancy.)

Bursar—James F. Pollock, 1894.

STEVENSON OF DALRY BURSARIES (*Arts*).—The Rev. Robert Stevenson, D.D., minister of the Parish of Dalry, Ayrshire, who died on 11th September, 1890, by his Trust Disposition and Settlement, dated 28th July, 1890, directed his Trustees to pay over to the University Court the sum of £2,000, free of legacy duty, for the foundation of two Bursaries in Arts. They are open for competition to students entering on the first or second session of attendance in the Faculty of Arts, who are prosecuting their studies with a view to the ministry of the Church of Scotland, with a preference in the first place to natives of the parish of Dalry in Ayrshire, and in the second place to natives of the parishes of Bannockburn or St. Ninians in Stirlingshire. The Bursaries, which are of equal value, are tenable for four years.

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[1] Vacant through lapse of time.

[2] This ordinance comes into force when approved by Her Majesty in Council.

Bursars—[1] David Morrison, 1891 ; William J. S. Miller, 1892.

STEWART BURSARIES (*Arts*).—These Bursaries, three in number, founded in 1809 by the Rev. James Stewart, are in the gift of the Senate. They commence with the Humanity or the Greek Class, and may be held during the Gown Course. Value, £15 per annum each. The names Stewart and Simpson were preferred, but this preference was cancelled by Ordinance No. 57 of the Universities Commissioners (1889). In case of a vacancy, a student of the same standing is appointed. (One vacancy.)

Bursars—[1] John Stewart, 1891 ; John Stewart, 1892.

STILLIE BURSARY IN MUSIC.—This Bursary was founded by Mrs. Thomas Stillie in 1885, the Trustees being the Executive Council of Queen Margaret College, and their successors in office. The Trustees were to apply the annual proceeds of the investment of £125 in providing one Bursary, to be granted yearly to a student of Music, as a reward for proficiency in Music, and an encouragement to further study. The Trustees were empowered to make such regulations as they should see fit from time to time for testing the merits of the candidates, and also for prescribing the age of candidates and the course of study to be pursued in connection with Queen Margaret College or otherwise, which the Trustees might desiderate as a condition of awarding the Bursary. The University Court, having taken over Queen Margaret College, are the successors in office of the Executive Council of Queen Margaret College in respect of the Stillie Bursary Fund, which in January, 1895, amounted to £160. The following regulations have been adopted by the Court :—1. The Bursary shall be awarded in connection with the examinations in Music conducted in Glasgow by the Associated Board of the Royal Academy of Music and the Royal College of Music. 2. The Bursary shall be awarded by the Senate on a report by the Examiners of the said Board. 3. Only candidates for the Senior Grade Examination shall be eligible, and the Bursary shall be awarded to the candidate examined in Glasgow who shall obtain the highest number of marks in that examination. 4. The Bursary shall not be awarded if the candidate with the highest number of marks has not obtained honours ; and in that case the proceeds shall be added to the capital fund.

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[1] Vacant through lapse of time.

STRUTHERS BURSARY.—(See Gilhagie and Struthers Bursary, p. 234).

TAYLOR BURSARIES (*Any Faculty*).—Two in number, founded by Mr. James Taylor, writer in Glasgow, who by Trust Disposition and Settlement, of date 30th June, 1857, bequeathed to the University the sum of £800 for Bursaries. After Mr. Taylor's death, the trustees found that the estate was not sufficient to pay the various legacies in full. They paid over to the University in January, 1868, the sum of £560, and in September, 1878, a further and final dividend of £80, making in all £640, the free proceeds of which are applied to the payment of the two Bursars. The Senate are Patrons. The preference given to the names Tayler or Taylor, Ronald, Dunlop, Henderson, and M'Arthur, was cancelled by Ordinance No. 57 of the Universities Commissioners (1889).

Bursars—[1] Campbell Taylor, 1891; Matthew L. Taylor, 1893.

JAMES THOMSON PHILOSOPHICAL ENTRANCE BURSARY (*Arts, Phil.*).—Founded by subscription in 1878 in memory of James Thomson, M.A., a distinguished student of this University, who died in 1876, before the close of his theological curriculum. The Bursary consists of the proceeds of a sum of about £300, and is tenable for two years. It is awarded biennially for the best examination in (*a*) Mental Philosophy and (*b*) English Literature alternately, the candidate being at liberty to offer a special subject. The examination is open to all students of the first and second year who have not already attended any Class in the Philosophical Department, and who have not attended a session in any other Scottish University. The Bursary is payable in four instalments, but the last instalment will not be paid till the Bursar has passed his examinations in Latin and Greek for the M.A. Degree in Glasgow University. The subjects of Examination in Mental Philosophy are the same as for the John Ferguson Jaffrey Bursary in Mental Philosophy.

The next examination will be held in October or November, 1896, the subject of examination being Mental Philosophy.

Bursar—Robert W. M'Gill, 1894.

WALKINSHAW YOUNG BURSARY (*Law*).—Founded in 1878 by Major Young, Dunmore, Kirn, who bequeathed to the University a sum of £500, free of legacy duty, for promoting any useful branch of Education which the Principal and Professors may think proper.

The following regulations have been adopted:—

1. The Bursary shall be tenable for two years, during which the holder shall give regular attendance as a public student in the Faculty of Law in the University, to the satisfaction of the Senate.

2. All persons who within two years previous to the time when an appointment to the Bursary is made, have, at an examination in

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[1] Vacant through lapse of time.

Arts, for the Degree of B.L. passed in not fewer than two Arts subjects, or have passed in any two subjects for the Degree of M.A., shall be eligible as candidates, and the Senate shall appoint that one among the candidates who in their opinion is the most distinguished. A student who passes a qualifying Examination in the November of the session in which an appointment is made, shall be held eligible within this rule, but one who has passed an examination in the November two years preceding such an appointment, and has not passed any subsequent qualifying examination, shall not be eligible.

3. The Bursary shall not be tenable along with any other Bursary or Scholarship in the University.

The next appointment to this Bursary will be made in December, 1896. Applications to be sent in to the Clerk of Senate on or before 1st December of that year.

Bursar—Malcom Dunlop, M.A., 1894.

WALTON BURSARY (*Medicine*).—This Bursary was founded in 1763 by Dr. William Walton, Huntingdon, for a student in Medicine. The Earl of Sandwich has the right of appointing to the Bursary one of two Students nominated by the Senate. Preference is given to "Students of the English Nation." The Bursary may be held for four years. Value about £36 per annum.

Bursar—Samuel Prior, 1893.

ANDREW WEIR BURSARY (*Medicine*).—Founded in 1884, in terms of a Bequest by Mrs. Janet Maxwell or Weir, relict of Andrew Weir, feuar in Paisley. Mrs. Weir bequeathed the sum of £500 to the University, and directed the annual income of the legacy to be devoted to maintaining a Bursary in connection with the Medical School, in such a manner as the Senate may appoint. The Bursary is in memory of a son of the founder, Andrew Weir, a medical student of Glasgow University, who held subsequently the post of Resident Physician in the Paisley Infirmary, and in the discharge of his duties there contracted a fever, of which he died. The Bursary is awarded annually at the beginning of the Winter Session, in accordance with the results of the second and third professional examinations, account being taken of the marks gained by all students who have passed both of these examinations within a period not exceeding thirteen months, reckoning backward from the date of the professional examinations in October of each year. During the tenure of this Bursary, which may be held along with another Bursary, the holder shall be bound to give regular attendance on the classes of the medical curriculum in the University.

Bursar—[1] Alexander Scott, 1894.

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[1] Vacant through lapse of time.

WILLIAM WHYTE BURSARIES (*Arts, Law, or Medicine*).—Four in number, founded in 1893 in memory of Mr. William Whyte, at one time Preceptor of Hutchesons' Hospital, in accordance with instructions contained in the Trust Disposition and Settlement of his daughter Mrs. Isabella Whyte or Bamber, who died in 1882. The Trustees executed a Deed of Mortification transferring £2,000, less legacy duty, to Hutchesons' Hospital. The Bursaries are each of the annual value of £25, and are tenable for four sessions in the Faculties of Arts, Law, or Medicine. They are open to competition by boys who have attended and completed the curriculum in the Secondary Department of Hutchesons' Grammar School. Candidates must give in their names to Messrs. Hill & Hoggan on or before 1st September in each year, to be sent to the Clerk of Senate, that they may be entered for the University Entrance Bursary Competition. One Bursary will be awarded every year to the candidate highest in the order of merit who shall not have gained and elected to hold a Bursary of equal or higher value at the general competition, provided his attainments have reached a standard satisfactory to the Patrons of Hutchesons' Hospital.

The sum of £408 15s. 8d. at the credit of the Fund at 31st December, 1892, is to be allowed to accumulate until that sum, with such additions as may accrue from any portion of the income that may not be required for the purposes aforesaid, shall amount to a sum which will produce a return of £20 yearly. There shall then be instituted a Bursary of that value, to be competed for by girls educated in Hutchesons' Girls' School, which Bursary shall be tenable at the University of Glasgow.

Bursar—John Gardner, 1894.

WILLIAMS BURSARIES (*Arts and Theology*).—The Rev. Dr. Williams, London, in the year 1711, bequeathed to certain individuals in London, in trust, an estate, to found Bursaries for educating natives of South Britain at the University of Glasgow. The founder, with a particular view to support the cause of Protestant dissent in England, directs that every Bursar on this foundation shall promise, in writing, to become a preacher among the dissenting ministers of that country. The Bursaries are tenable for three years, but renewable for another year on application, on the understanding that the student has graduated in Arts, and is about to enter the Divinity Hall. Value, £40 per annum each. The right of presentation is vested in the founder's trustees. Secretary to the Trust—Mr. Francis H. Jones, Dr. Williams' Library, Gordon Square, London, W.C. The state of the funds of this foundation will not admit of more than one appointment being made in session 1895-96.

Bursars—[1] Hugh E. Griffith, 1892; Thomas E. Jones, 1893; James L. Ainslie, 1893; Richard R. Williams, 1894.

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[1] Vacant through lapse of time.

Wilsone Bursary.—(See Boyd and Wilson, p. 220).
Bursar—John H. H. M'Neill, 1892.

George Young Bursary (*Science*).—By Trust Disposition and Settlement, of date 30th August, 1892, Mrs. Catherine M'Farlane or Young, who died at Helensburgh on 4th November, 1893, directed her Trustees to make over to the Senate of the University of Glasgow the sum of £1,000, free of legacy duty, for the purpose of founding, in memory of her husband and son, a Bursary in connection with the class of Civil Engineering, on such terms and conditions as the Senate should from time to time fix.

Major Young's Fund Bursaries (*Law*).—Two in number, founded in 1890 by the Trustees of the late Major Young, founder of the Walkinshaw Young Bursary. The amount of the Bursary Fund is about £1,312, and each of the Bursars receives one-half of the free annual income thereof. In accordance with Major Young's desire, the Bursaries are open only to applicants whose pecuniary circumstances are such as in the judgment of the Senate render it desirable that they should have assistance in prosecuting their studies at the University, preference being given, *cæteris paribus*, to natives of Argyllshire or Renfrewshire. One of the Bursaries is tenable for six years, and is awarded by competitive examination to a student of the first year who intends to study for a Degree in Law. The Bursar is required during his tenure of the Bursary to attend such classes, and to pass such examinations for a Degree in Law as shall be held by the Senate to correspond to the successive stages of his course ; and he must attend a class or classes in the Faculty of Law during at least the last two years of his tenure of the Bursary. The other Bursary is tenable for two years, and is awarded by competitive examination upon subjects prescribed by the Senate. Candidates must have expressed their intention of attending the classes of Scots Law and Conveyancing, and the Bursar must attend these classes in separate sessions during his tenure of the Bursary. Either of these Bursaries may be held with any other Bursary, Scholarship, or Prize in the University, but both shall not be held together by one Bursar. The subjects of examination are those prescribed for the General Bursary competition.

Bursars—Alexander M. MacRobert (six years), 1890 ; Thomas R. Anderson (two years), 1894.

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2. *EXHIBITIONS, FELLOWSHIPS, AND SCHOLARSHIPS.*

ALPHABETICALLY ARRANGED.

N.B.—In cases in which a Scholarship or Fellowship falls vacant otherwise than by lapse of time, the Senate may, except where it is inconsistent with the deed of foundation, hold a competition, and make an appointment for the remainder of the period for which such Fellowship or Scholarship may be held. At the next ordinary competition no student shall be excluded from the competition by reason of his having previously been appointed to fill a vacancy for less than the full period; but in no case shall any student hold such Scholarship or Fellowship for longer than the full period fixed in the regulations applicable to such foundation.

FOUNDATION.	No. of Scholarships, &c.	TENABLE BY	Approximate Annual Value of each.
Black Theological,	1	Masters of Arts of Scot. Univ.,	£147
Breadalbane,	2	M.A. or B.Sc., Eng , Glas. Univ.,	£50
Clark, George A.,	4	3 M.A., 1 B.Sc., do.	£180
Clark, John (Mile-end),	12	Arts Students at close of Curric.,	£50
Clydebank,	1	Students of Naval Architecture,	£30
Cunninghame,	2	Bachelors of Laws of Glas. Univ.,	£32
Donaldson, Alexander,	1	Candidates for B.Sc. (Chemistry).	£38
Donaldson, Robert,	2	Bachelors of Science of Gl. Univ.,	£62
Eglinton,	2	Masters of Arts of do.	£100
Euing, William,	3	Do. do.	£80
1851 Exhibition Science	2	Science Students,	£150
Ferguson,	6	Masters of Arts of Scot. Univ.,	£80
Foulis Memorial,	1	Medical Graduates or Licentiates,	£50
Lloyd's Register,	3	Students of Naval Architecture,	£50
Luke,	1	Masters of Arts of Glas. Univ.,	£80
Mackay Smith,	2	Students in Nat. Phil. and Chem.,	£48
Metcalfe,	1	Masters of Arts of Glas. Univ.,	£100
Sandford,	1	Greek Students, do.	£20
Scott,	1	Masters of Arts of do.	£80
Shaw Philosophical,	1	Do. Scot. Univ.,	£160
Snell (at Oxford),	5	Masters of Arts, etc., Glas. Univ.	£80
Thomson Experimental	3	Students of Natural Philosophy,	£20
Travelling Scholarship,	1	M.A. of Scot. Univ. (Divinity),	£150

BLACK THEOLOGICAL FELLOWSHIP.—This fellowship, of the annual value of £140 or thereby, was instituted under the Will of the late Mrs. Janet Black (who died in 1876) in memory of her husband, the Rev. William Black, D.D., minister of the Barony Parish of Glasgow. Candidates must be members of the Established Church of Scotland.

The following regulations have been adopted by the Senate with the sanction of the University Court.

1. The Black Theological Fellowship shall be tenable for one year.

2. It shall be awarded by competition open to Masters of Arts from any of the Universities of Scotland completing the ordinary curriculum of Theological study in the University of Glasgow in the academical year in which the examinations are held.

3. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

4. The Fellowship shall be awarded by the Theological Faculty at the close of the winter session to the most distinguished graduate in Divinity of the session qualified in terms of the foundation, but the Fellowship shall be awarded only if the Candidate has, in the opinion of the Faculty, attained a sufficient standard of merit.

5. The holder of the Fellowship shall, during the tenure of it, perform such duties—whether in the form of giving a short course of lectures, or of undertaking tutorial work, or otherwise—within the University, as may be assigned to him by the Faculty of Theology with the sanction of the Senate.

6. The Fellowship shall not be held in conjunction with any other Theological Fellowship or Scholarship or Prize falling to be awarded at the same time, or subsequently during its tenure.

Subject to these regulations an appointment to the Fellowship will be made in April, 1896.

Present Fellow—George G. Duncan, B.D., *April*, 1895.

BREADALBANE SCHOLARSHIPS.—The second Marquis of Breadalbane, an alumnus, and afterwards Rector of the University, gave from the first year of his Rectorship (1840-41), and during his lifetime, the sum of £100 annually, which was for some years distributed in prizes among certain classes, and afterwards appropriated to the establishment of two Scholarships, the one in Mathematical and Physical Science, and the other in Mechanical Philosophy, Chemistry, and those branches of Natural History that are connected with the Arts and Manufactures.

The Marquis died in 1862, and his Deed of Settlement made provision for the "annual payment, in all time coming, to the University of Glasgow, of the sum of £100, to be paid yearly to deserving students in this college, as Scholarships or Bursaries, to be called the 'Breadalbane Scholarships,' in such manner as shall be fixed by the Senatus Academicus of the said University."

The following regulations have been approved by the Senate :—

The number of Scholarships shall be two, of £50 each per annum, for the encouragement of pure and applied Science.

The scholars shall be chosen, after competitive examination in Mathematics and Natural Philosophy, from among candidates who shall have taken the Degree of Master of Arts, or the Degree of Bachelor of Science in the Department of Engineering Science, at the University of Glasgow, within a period of not more than three years preceding the examination ; provided always that students graduating at the supplementary graduation in November of any year, shall, for all purposes, be held to have graduated at the ordinary graduation in May immediately preceding.

Each scholar shall pursue such course of scientific study during the tenure of his Scholarship as the Senate shall in each case prescribe, and shall hold his Scholarship for three years, provided that at the end of the 1st and 2nd years he give the Senate such evidence, by examination or otherwise, as the Senate shall deem sufficient, of having successfully prosecuted the prescribed course of study.

Both Scholarships will be open to competition in October, 1895. Names of candidates to be given in to the Assistant Clerk (Matriculation Office), on 25th September, 1895.

George A. Clark Bursaries or Scholarships.—By the Will of the late Mr. George A. Clark, manufacturer, Paisley, a sum of £20,000 was bequeathed in 1872 to this University for the creation of four Bursaries, tenable each for four years. The following are the regulations :—

1. One of these Bursaries shall be competed for annually, at or immediately after the October examination for Degrees in Arts or Science.

2. The four Bursaries are assigned respectively to the four departments of Honours, enumerated in the ordinances, Nos. 14 and 18, of the Universities Commissioners (1858), viz. :—(1) Classical Literature ; (2) Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy ; (3) Mathematics, including Pure Mathematics and Natural Philosophy ; (4) Natural Science, including Botany, Geology, Zoology, and Chemistry.

For the Classical Literature Bursary or Scholarship either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours, in Classical Literature, may be candidates ; for the Mental Philosophy Bursary or Scholarship, either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Mental Philosophy, may be candidates ; for the Bursary or Scholarship in Mathematics either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Mathematics, or Bachelors of Science of this University who have taken the degree of B Sc. in Pure Science, or students presenting themselves for the final examination for the B.Sc. Degree in Pure Science, may be candidates ; and for the Natural Science Bursary or Scholarship either Bachelors of Science of this University who have taken the Degree of B.Sc. in Pure Science, or students presenting themselves for the final examination for the B.Sc. Degree in Pure Science, may be candidates.

But no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. Degree or the B.Sc. Degree.

3. The successful candidate shall undertake, during his tenure of the Bursary, to give such assistance in the teaching work of the University, and to follow such a course of study in the University, as the Senate may determine.

4. The subjects of examination each year shall be those which constitute the examination for Honours in one of the above-named departments (the department selected each year for examination to be publicly announced). The Senate reserve the right to withhold the Scholarship, should none of the competitors reach the

standard of attainment required of graduates in Arts with highest honours.

5. In the event of the examiners reporting in any year that no candidate has done sufficiently well in the subjects of that year to deserve the Scholarship, no appointment shall be made in that year; but it shall be in the power of the Senate to hold an examination for the same Scholarship, and in the same subjects, in the following year, provided that in that case the Scholarship shall be held for three years only and not for four, the surplus revenue being added to the capital of the fund. Should the same thing occur again, it shall be in the power of the Senate to appoint a Scholar for two years only, or for one year only, the examination in each case being in the same subjects as when the Scholarship was first competed for. In the same manner, in the event of a vacancy occurring in the tenure of any of the Scholarships otherwise than by lapse of time, the Senate may make an appointment for the remainder of the term for which the Scholarship might have been held by the student vacating it, and after examination in the same subjects as those for proficiency in which the Scholar was originally appointed; but in no case shall the regular rotation of subjects as above provided for be disturbed. In the competition for scholarships to be held for less than four years, no student shall be admitted to examination who would not be eligible, as above arranged, for a Scholarship to be held for four years. In the event of a candidate being appointed to a vacancy to be filled for less than four years, and being still eligible, under the usual regulations as above, to compete for the said Scholarship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Scholarship, but in no case shall any student be permitted to hold the Scholarship for more than four years in all.

6. It shall not be competent for the holders of these Bursaries to hold any other Bursary or Scholarship in this University.

7. It shall be in the power of the Senate to deprive any Bursar of his Bursary, in the event of his not complying, to their satisfaction, with any of the above regulations.

8. The Examiners shall be the same as the Examiners for the Degree of M.A. with Honours in each of the several departments, and for the Degree of B.Sc.

One of these Bursaries or Scholarships will be competed for, subject to the foregoing regulations, in October, 1895. It will be tenable for four years, and the examination will be in the third of the four departments above enumerated—viz., Mathematics.

Candidates are requested to give in their names to the Assistant Clerk (Matriculation Office), not later than 25th September.

Bursars—[1] James Holm, M.A., 1891 (Mathematics); James Rankin, B.Sc., 1892 (Natural Science); John E. M'Fadyen, M.A., 1893 (Classics): Henry N. Brailsford, M.A., 1894 (Mental Philosophy).

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[1] Vacant through lapse of time.

JOHN CLARK (MILE-END) SCHOLARSHIPS.—By the Deed of Constitution regulating the John Clark Bursaries (see page 224), the Founder, Mr. John Clark, also instituted Scholarships of £50 annual value, open for competition to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University. The Scholarships are to be awarded to the candidates who stand highest at written examinations in the branches of learning appointed by the trustees, and are tenable for four years, subject to the condition that the Scholars give their undivided time and attention to the prosecution of their studies with a view to any of the learned professions, or, on approval of the trustees, any other profession or business they may prefer. The trustees do not appoint any one who already holds a scholarship of greater value. Three Scholarships will be competed for in October, 1895, one in the department of Classics, one in the department of Mental Philosophy, and one in the department of Mathematics. The examination will be on the subjects prescribed for the Degree of M.A. with Honours in the respective departments.

Names of candidates to be given in to the Assistant Clerk (Matriculation Office), and also to Mr. Wm. Kidston, 50 West Regent Street, Glasgow, on or before the 25th September.

Scholars—[1] Campbell C. Edgar, 1891 ; [1] Robert Bulloch Douglas, 1891 ; John G. Spens, M.A., 1892 ; Robert S. Horne, M.A., 1892 ; Gilbert Buchanan, M.A., 1892 ; Charles W. Thomson, 1893 ; Gavin L. Pagan, M.A., 1893 ; Peter Pinkerton, M.A., 1893 ; Robert G. Nisbet, M.A., 1894 ; Wililam R. Paterson, M.A., 1894 ; William C. Henderson, M.A., 1894.

CLYDEBANK SCHOLARSHIP.—Founded in 1885 by Messrs. James and George Thomson, engineers and shipbuilders, Clydebank. The value was originally £10 per annum, but Messrs. Thomson in 1895 increased the yearly value to £30, and proposed the following regulations, which were approved by the Senate : 1. The Scholarship shall be tenable for three years to enable the holder to graduate in Science. 2. The scholarship shall be competed for biennially by young men not under eighteen years of age, who are apprentices, and have been employed at least three years as such in any of the departments of Clydebank Shipyard and Engineering Works. 3. All candidates must have passed in the May Examinations before they intend entering the University, under the Science and Art Department of South Kensington, the following or higher stages, viz. : Mathematics, second stage ; Naval Architecture, advanced stage (or alternatively an equivalent examination in Machine Construction and Steam) ; Theoretical Mechanics, and Plane and Solid Geometry, elementary stages. The scholarship will be awarded to the candidate who has the best record in these subjects. Should there be any apparent equality, the candidates who are apparently equal shall be further examined at the University, and the scholar shall be selected in accordance with the result of this further examination. 4. The scholar appointed shall, during his tenure of the Scholarship, attend in the usual order all the classes necessary to qualify for the degree of B.Sc.; and the second moiety of the third year's stipend may not be paid if the scholar fails to pass the final examination for the degree of B.Sc., or if, in the opinion of the Senate, he has not made satisfactory progress during his term at the University.

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[1] Vacant through lapse of time.

ANDREW CUNNINGHAME SCHOLARSHIPS.—Mr. Andrew Cunninghame, Town Clerk Depute of Glasgow, who died in 1886, bequeathed to the University, free of legacy duty, £5,000, for the purpose of completing the tower, and also £350, the annual revenue of which was to be applied in purchasing a gold medal as a prize in the class of Mathematics. He also bequeathed to the Senate £2,000 for two Bursaries or Scholarships in connection with the Scots Law and Conveyancing Classes. The following regulations were adopted by the Senate on 15th March, 1888:—

1. One-half of the free income of the bequest shall be applied for the purpose of a Scholarship in connection with the class of Scots Law, and the remaining half for the purpose of a Scholarship in connection with the class of Conveyancing.

2. Each Scholarship shall be tenable for two years.

3. On each vacancy the candidate who, in the opinion of the Senate, is the most distinguished Bachelor of Laws of the year, shall be appointed, special consideration being given to eminence in Scots Law and Conveyancing.

4. Students who have been found qualified for the Degree of LL.B. at the spring and winter graduations of the year in which the appointment is made, shall be eligible as candidates.

5. The conditions of holding the Scholarships are that the scholars give such assistance in the work of the classes of Scots Law and Conveyancing respectively as the Professors of these classes may require, subject to the approval of the Senate.

6. In the event of a vacancy occurring during the tenure of any Scholarship, the Senate may, if they think fit, appoint a Scholar to hold the Scholarship for the unexpired period.

An appointment to the Scots Law Scholarship will be made in November, 1895.

Scholars—[1] David B. Pattison, LL.B., 1893; Alfred Scobie, LL.B., 1894.

ALEXANDER DONALDSON SCHOLARSHIP OR BURSARY.—Founded in 1881 by Will of the late Mr. Alexander Donaldson, iron merchant in Glasgow, who bequeathed to the Senatus of Glasgow University £1,000, to be administered by them as patrons for the endowment of a Scholarship or Bursary, at their discretion, in connection with the said University.

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[1] Vacant through lapse of time.

The following regulations were adopted by the Senate on 1st May, 1884:—

1. The Scholarship shall be awarded to the candidate who, presenting himself for the first examination for the Degree of B.Sc., held in the month of April, shall stand highest in Chemistry.

2. The Scholarship shall be tenable for two years.

3. The second moiety of the second year's stipend shall be paid only after the Scholar has passed all the examinations for the Degree of B.Sc.

These regulations apply to students proceeding to the Degree of B.Sc. under the new regulations for that Degree.

Scholar—Charles E. C. Stanford, 1894.

ROBERT DONALDSON SCHOLARSHIPS.—Founded in 1887 by the trustees of the late Mr. Robert Donaldson, iron merchant, Glasgow, who left £2,000 to the Senate for two Scholarships for such scientific purposes as his trustees should approve. The following tentative scheme has been approved by the trustees:—

1. The income of the fund shall be devoted for two years alternately to Scholarships in Chemistry and Biology.

2. Each Scholarship shall be tenable for two years.

3. Students who have taken the Degree of B.Sc. in Glasgow University shall be eligible.

4. The appointment shall be made by the Senate on a report as to the merits of the candidate or candidates by the Professor of the subject.

5. The scholar appointed shall devote himself for two years in this University, or for one year in this University and the other in such place as the Senate may approve, to research in the subject in which he has obtained the Scholarship. The holder of the Scholarship in Biology shall have the option of selecting Zoology or Botany as the subject of research.

6. The Senate are not bound to make an appointment unless the candidate is in their opinion qualified.

Scholar—William H. Lang, B.Sc., 1894.

EGLINTON FELLOWSHIPS.—On the death of the Earl of Eglinton, formerly Rector of the University of Glasgow, a committee was formed to collect subscriptions for the purpose of commemorating in a suitable manner his virtues and public services; and, subscriptions having been received to the amount of £7,000, it was resolved by the subscribers, in 1862, to set apart £4,500 out of this sum as a Scholarship or Fellowship Fund in the University of Glasgow.

By the Trust Deed of date November 8th, 1865, the net yearly produce of the said sum (after deducting expenses) is to be appropriated to the support of one or more Fellowships, not exceeding three, to be competed for by the alumni of the College of Glasgow, and to be held for a period not exceeding four years, upon the following conditions, viz.: First,—The number of Fellowships, and the period during which the same are to be held, shall from time to time be fixed by the Senatus Academicus of the said University. Secondly,—The competition for the Fellowships shall be open only to deserving students who shall have taken the Degree of Master of Arts in that University at the term preceding the competition,[1] and the Fellowships shall be awarded by the Senatus Academicus of the University to those students who have shown themselves in a public competition to have acquired the greatest amount of knowledge and proficiency in the branches of study embraced in the curriculum of Arts, and such branches of Natural Science as the Senate shall, from time to time, require. And, Thirdly,—The Examination for the Fellowships shall be under the direction of the Senatus Academicus of the University, who shall fix the subjects of examination, and the relative value of each subject in the competition, and appoint any of their own number, or other fit persons, to be Examinators, and make such regulations with relation to the said Fellowships, and the competition and examination therefor, as from time to time they may think fit.

The following are the regulations of the Eglinton Fellowships:—

1. The number of the Eglinton Fellowships shall be two (of about £100 per annum each), tenable for three years, subject to the approval of the Senate at the end of the first and second year.

2. The competition for the Fellowship shall be open only to deserving students who shall have taken the Degree of Master of Arts in the University of Glasgow, at the term preceding the competition.[1] In the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

3. One of the Fellowships shall be open to competition in October, 1866, and thereafter triennially (1896); and the other in October, 1867, and thereafter triennially (1897).

4. The successful candidate shall undertake, during his tenure of the Fellowship, to follow such a course of study in the University, or to give such assistance in the teaching work of the University, as the Senate may determine.

5. The Examination for the Eglinton Fellowship to be competed for in October, 1890, and thereafter sexennially, shall be in Classics; and the Examination for the Eglinton Fellowship to be competed for in 1893 and thereafter sexennially, shall be in Mental Philosophy.

The subjects of examination in Classics and Mental Philosophy respectively shall be the same as those for the Degree of Master of Arts with Honours.

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[1] *i.e.*, Either at the ordinary Graduation in May or at the Supplementary Graduation in November.

6. The subjects of examination for the Eglinton Fellowship to be competed for in October, 1888, and thereafter triennially, shall be the subjects of examination for the Degree of Master of Arts with Honours in Mathematics and Natural Philosophy.

7. The Eglinton Fellowship shall not be held along with the Snell Scholarship, or Breadalbane Scholarship, and the holder of the Luke Fellowship or of the Metcalfe Fellowship shall not be admitted to compete for the Eglinton Fellowship.

The next ordinary competition will take place in October, 1896, the subject of examination being Classics.

Fellows—Gilchrist G. Alexander, M.A., 1893 ; Charles S. Dougall, M.A., 1894.

William Euing Fellowships.—Founded in 1874 by Mr. William Euing, insurance broker, Glasgow, who by his Will bequeathed to the University, along with a library of rare and valuable books, the sum of £6,000 for the endowment of three Fellowships, each of the value of £80 per annum, and tenable for not more than five years. The Fellowships are open only to deserving students who have completed the regular curriculum in Arts, and taken the Degree of M.A. at this University, and are awarded after competition in the subjects of the Arts curriculum. The Fellows are required to reside in Glasgow for at least nine months in the year, and "to open private classes, of limited numbers, for giving instruction to, and aiding students of the University—more especially during the vacation, or such part thereof as may be found expedient—in such studies as may be auxiliary to, or illustrative of, the course of lectures which such students may have attended, or be desirous of attending, and also to carry out the same purpose by a systematic course of private tuition."

One Fellowship is attached to the department of Classics, one to the department of Mathematics and Natural Philosophy, and one to the department of Mental Philosophy, including Logic, Moral Philosophy, and English Literature.

The Senate have issued the following regulations for the competition for these Fellowships :—

1. In the department of Classics there shall be one Fellowship competed for in October, 1875, and thereafter at intervals of four years (1895), the period for which the Classical Fellowship shall be ordinarily tenable.

2. In the department of Mental Philosophy one Fellowship shall be competed for in October, 1876, and thereafter at intervals of three years (1897), the period for which the Fellowship in the department of Mental Philosophy shall be ordinarily tenable.

3. In the department of Mathematics and Natural Philosophy one Fellowship shall be competed for in October, 1875, and a

Fellow appointed for two years; the Mathematical Fellowship becoming vacant in October, 1877, shall be filled up for a period of three years (1895), the period for which the Fellowship in this department shall be ordinarily held.

In the event of a candidate being appointed to a vacancy to be filled for less than four years in the department of Classics, or for less than three years in the department of Mental Philosophy, or of Mathematics and Natural Philosophy, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than four years in all, or three years in all, respectively.

Two of these Fellowships will be open to competition in October, 1895. One will be tenable for four years, and the examination will be in Classics; the other will be tenable for three years and the examination will be in Mathematics and Natural Philosophy.

Names of candidates to be given in to the Assistant Clerk (Matriculation Office) on 25th September, 1895.

Fellows—[1] John H. Pagan, M.A., 1891 (Classics); [1] Walter Stewart, M.A., 1892 (Mathematics); Robert S. Horne, M.A., 1894 (Mental Philosophy).

EXHIBITION (1851) SCIENCE RESEARCH SCHOLARSHIPS.—Her Majesty's Commissioners for the International Exhibition of 1851 have instituted Science Scholarships, each of the annual value of £150, and tenable for two years, subject to the scholar's first year's work being deemed satisfactory by the Scientific Committee of the Commissioners. The nomination to a Scholarship was placed at the disposal of this University in each year since 1891, and it is anticipated that similar arrangements will be made in future years.

Candidates must be British subjects, and must have been students of Science in some approved institution or institutions for a period of three years, at least the third year of the period having been spent in this University. Capacity for original research tending to advance Science or its applications is required as the main qualification. The Scholarships may be held at any University in England or abroad, or in some other institution approved of by the Commissioners; and every scholar will, in the absence of special circumstances, be required to proceed to an institution other than that by which he is nominated. He must devote himself to some particular scientific work in connection with those branches of Science, such as Physics, Mechanics, and Chemistry, the extension of which is especially important to our national industries. A sum of £25 is reserved from the fourth half-yearly instalment, and paid by the Commissioners on receipt from the Scholar, after the expiration of his Scholarship term, of a satisfactory report of his study and research during the term.

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[1] Vacant through lapse of time.

When a nomination falls to be made in any year, due notice will be given to enable candidates to lodge their applications with the Clerk of Senate before the beginning of April. Every application must be accompanied by a statement of the scientific study (including original research) in which the candidate has been engaged, and of the work to which he proposes to devote himself if appointed to the Scholarship.

Scholars—J. R. Erskine Murray, B.Sc., 1894; Walter Stewart, M.A., B.Sc., 1895.

FERGUSON SCHOLARSHIPS.—With a view to the encouragement of the higher learning in Scotland, the trustees of the late Mr. Ferguson, of Cairnbrock, out of his legacy of £50,000 for educational and other purposes, instituted in 1860 six Scholarships, each of the value of £80 per annum, to be held for two years, and to be called "The Ferguson Scholarships."

The examination of candidates for three of these Scholarships will be held in Glasgow, on Tuesday, 24th September next, and following day. One of the Scholarships will be awarded for the greatest proficiency in Classics; one for the greatest proficiency in Mathematics, including Natural Philosophy; and one for the greatest proficiency in Mental Philosophy, including Logic, Psychology, Metaphysics, and Moral Philosophy.

Subjects for examination—

CLASSICAL SCHOLARSHIP. — *Latin*— Catullus, *Carmina Selecta* (Clarendon Press). Virgil, *Georgics*, *Aeneid*, Books X.–XII. Horace, *Satires* and *Epistles*. Juvenal, *Satires*, I., III., IV., V., VII., X. Tacitus, *De Oratoribus*, *Annals*, XI.–XIV. Cicero, *De Oratore*, I., II., III. Translation from Authors not prescribed. Latin Prose Composition.

Greek.—Homer, *Iliad*, Books XIX.–XXIV. Sophocles, *Oedipus Rex*, *Oedipus Coloneus*. Euripides, *Bacchae*. Aristophanes, *Acharnians*, *Clouds*. Thucydides, Books III., IV. Plato, *Republic*, VI.–X. Demosthenes, *De Corona*. Aeschines, *In Ctesiphontem*. Translation from Authors not prescribed. Greek Prose Composition.

Questions on Greek and Roman History, Literature, Language, and Antiquities. The Questions will bear chiefly on the books prescribed.

MATHEMATICAL SCHOLARSHIP.—*Mathematics*.—Euclid's Elements. Modern Geometry. Algebra, including Determinants, Finite Differences, and Theory of Equations. Trigonometry, Plane and Spherical. Analytical Geometry, in two and three dimensions. Differential and Integral Calculus, and Differential Equations.

Natural Philosophy. — Abstract Dynamics (commonly called

Mechanics), including Kinematics and Statics and Kinetics of Solids and Fluids. Experimental Physics and Applied Mathematics, including all the ordinary subjects treated in Lectures on Natural Philosophy.

PHILOSOPHICAL SCHOLARSHIP.—*Logic.*—Province and History of Logic. Logical Forms of Notions, of Judgments, and of Inferences. Fallacies and their Causes. Evidence. Authority and Historical Proof. Physical Science and its Methods. Recent discussions affecting Logic.

Metaphysics.—Psychology and Ontology. Nature, Origin, and Limits of Man's Knowledge of Self, the Material World, and God. History and Critical Analysis of Ancient and Modern Metaphysical Systems.

Moral Philosophy.—Psychology and Metaphysic of Ethics. Moral Faculty, Motives, and Will. Moral Government of the World and cognate Questions. Applied Ethics, including relations of Ethics to Law and Politics. History and Critical Analysis of Ancient and Modern Ethical Theories.

The competition will be open to all persons who have passed the Examinations required for the Degree of Master of Arts in one of the Universities of Scotland (whether taking the degree at the same time or not) provided that, at the time of the competition, not more than six years have elapsed since the date of their first matriculation after having passed the Preliminary Examination,[1] and who have not already gained one of these Scholarships.

The Examinations will be conducted in writing, and the Scholarships awarded on the report of the Examiners as to the merit of the Candidates, but the minimum of 60 per cent. of the possible marks must be reached in order to entitle to a Scholarship.

The Scholarships, of £80 each per annum, are tenable for two years, subject to fulfilment of the following rule of the trustees :—

"Persons gaining the Scholarships will be expected, during "the tenure thereof, to prosecute studies in furtherance of "the higher learning; and those who have not graduated shall "be required to do so before the last payment is made."

Certificates will be granted to such of the unsuccessful competitors as, in the opinion of the Examiners, shall have taken a distinguished position in the Examinations.

Candidates are requested to give in their names, personally or by letter, at the Office of THE FERGUSON BEQUEST FUND, 94 Bath Street, Glasgow, not later than 1st September, 1895, and due intimation will be sent to those enrolled as to the place and hours of Examination.

The following Students of the University of Glasgow have obtained Ferguson Scholarships :—

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[1] Until Ordinance No. 11 can take effect, the six years will count from the first ordinary matriculation.

1868, James Smith, Mathematical; 1869, Archibald B. Cameron, Philosophical; 1870, John Cross, Classical; 1870, James Orr, Philosophical; 1872, Wm. W. Waddell, Classical; 1873, Thomas H. Millar, Mathematical; 1874, William Patrick, Philosophical; 1875, William Y. King, Classical; 1878, John M'A. Dodds, Mathematical; 1878, Thomas B. Kilpatrick, Philosophical; 1882, Robert F. Muirhead, Mathematical; 1883, James A. M'Callum, Philosophical; 1886, James Buchanan, Mathematical; 1886, Andrew F. Smith, Philosophical; 1888, Ernest F. Scott, Classical; 1889, Evan Keri Evans, M.A., Philosophical; 1890, Abraham Levine, M.A., Mathematical; 1891, James Holm, M.A., Mathematical; 1893, Horatio S. Carslaw, M.A., Mathematical.

Present Holders of the Scholarships.—Alexander Souter, M.A., of Aberdeen University, Classics, 1893; Horatio S. Carslaw, M.A., of Glasgow University, Mathematics, 1893; Alexander W. Main, M.A., of Aberdeen University, Classics, 1894; William G. Fraser, M.A., of Aberdeen University, Mathematics, 1894; Norman D. Smith, M.A., of St. Andrews University, Mental Philosophy, 1894.

FOULIS MEMORIAL SCHOLARSHIP.—This Scholarship was founded in 1882 in memory of the late David Foulis, M.D., Glasgow, who had distinguished himself in Pathology and Surgery, and died at the age of 35 years. It is to be awarded as often as the accumulated income from the invested funds amounts to £50. The next appointment will not take place until September, 1896. It is tenable by a graduate or licentiate whose professional education has, to the extent of not less than two years, been received at the University or one of the extra-mural schools of Glasgow; and who shall, in the opinion of the trustees, have manifested a capacity for original work in the department of Pathology. The purpose of the Scholarship is to assist in the prosecution of such work in one of the Medical Schools in or furth of Scotland, approved of by the trustees; and the trustees have power to determine whether it should be awarded by competition or otherwise.

The trustees are the Professor of Practice of Medicine in the University, the President and Visitor of the Faculty of Physicians and Surgeons of Glasgow, and the Pathologists of the Western and Royal Infirmaries. Secretary, Alexander Foulis, Esq., 180 St. Vincent Street, to whom applications should be sent before 1st September, 1896.

Scholar—David M'Crorie, 1894.

LLOYD'S REGISTER SCHOLARSHIP.—In 1889 the general Committee of Lloyd's Register of British and Foreign Shipping intimated their intention of establishing a Scholarship of the yearly value of £50, tenable for three years by students of Naval Architecture in this University. In 1893 two additional Scholarships, each of the same value and tenure as the first, were announced. They are open to competition to candidates whose age does not exceed 23 years. Each candidate must produce satisfactory evidence that £50 a year would enable him to pursue his studies, and that he would be unable to do so unless this aid were afforded. The subjects of examination are the following:—Euclid, Books I. II. III. IV. VI. and XI.; Algebra, including Quadratic Equations, the three Progressions, and Binomial Theorem; Plane Trigonometry, with use of Logarithms; Elements of Statics, Dynamics, and Hydrostatics; Practical Shipbuilding; Mechanical Problems. A preference will be given to a candidate who possesses a thorough grammatical knowledge of English and of either French or German, although he may be somewhat deficient in the other subjects prescribed. One Scholarship will be open to competition in October, 1895. Names of Candidates to be sent to the Assistant Clerk (Matriculation Office), on or before 25th September, 1895.

Scholar—[1] James M. Dickson, 1892; Charles C. Gearing, 1894.

LUKE FELLOWSHIP.—In 1863, the late William Luke, Esq., of Edinburgh, bequeathed to the University of Glasgow the sum of £3,000 sterling, "to perpetuate the memory of his nephew George Rankin Luke" (formerly a highly distinguished student of this University, and afterwards student of Christ Church, Oxford), "in such a manner as his esteemed friend, Professor Nichol, may consider most beneficial." Professor Nichol exercised the discretionary power thus conferred on him by directing that the sum bequeathed should be applied to the founding of a Luke Fellowship. The following are the regulations:—

1. There shall be a single Luke Fellowship (of about £80 per annum), tenable for three years, subject to the approval of the Senate at the end of the first and second years.

2. The Luke Fellowship shall be awarded on examination on English Literature, and on prescribed periods in History.

3. The Luke Fellowship shall be open to competition in October, 1868, and thereafter triennially.

4. Competitors for the Luke Fellowship must be Masters of Arts of this University, of not more than three years' standing, provided always that students graduating at the supplementary graduation in November of any year shall, for all purposes, be held to have graduated at the ordinary graduation in the May immediately preceding.

5. The Luke Fellowship shall not be held along with the Snell Scholarship, the Clark Scholarship, the Eglinton Fellowship, or the Euing Fellowship.

6. Students who have competed at one Luke Fellowship Examination shall not be admitted to another, nor shall the holder of the Eglinton Fellowship; but in the event of a candidate's being ap-

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[1] Vacant through lapse of time.

pointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the Luke Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

Ordinance No. 100[1] of the Universities Commissioners (1889) prescribes that the provisions of Ordinance No. 57 (see Appendix II.) shall apply to the Luke Fellowship, and also provides that it shall not be a condition of tenure of the Fellowship that the holder shall give assistance in teaching the class of English Literature.

The next competition for the Luke Fellowship will take place in October, 1898.

MACKAY SMITH SCHOLARSHIPS.—One in Natural Philosophy, the other in Chemistry, each of the annual value of £48, and tenable for two years in the Universities of Edinburgh and Glasgow alternately. During sessions 1882-83 and 1883-84 they were held in the University of Edinburgh, and during sessions 1884-85 and 1885-86 in the University of Glasgow. The next examination will be held in this University at the close of session 1896-97. Candidates must have already attended, or must be then attending the class of Natural Philosophy or Chemistry respectively. The examination in Chemistry will be held along with the examinations for the Degree of B.Sc. (new regulations), and the examination in Natural Philosophy along with the examinations for M.A.

METCALFE FELLOWSHIP.—Founded by the late Miss Sarah Metcalfe, Glasgow. (See under Metcalfe Bursaries, p. 255.)

The following are the regulations of the Metcalfe Fellowship :—

1. There shall be a Fellowship on the Metcalfe Foundation of the annual value of £100, tenable for three years, to be competed for in October, 1872, and thereafter triennially (1896).

2. Candidates must be Masters of Arts with Honours in the department of Mathematics and Natural Philosophy, of not more than three years' standing, provided always that students graduating at the supplementary graduation in November of any year shall for all purposes be held to have graduated at the ordinary graduation in the May immediately preceding.

3. The examination shall be the examination for the Degree of Master of Arts with Honours in the department of Mathematics and Natural Philosophy.

4. The Fellowship shall be held subject to the condition of pursuing a course of study in such of the following subjects—viz., Higher Mathematics, Practical Astronomy, Civil Engineering, and Chemistry—as the Senate shall in each case prescribe.

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[1] This Ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council

5. The Metcalfe Fellowship shall not be held along with the Eglinton Fellowship, the Snell Scholarship, or the Breadalbane Scholarship; and the holder of the Eglinton Fellowship shall not be allowed to compete for the Metcalfe Fellowship; but in the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

Fellow—William S. Templeton, M.A., 1893.

SANDFORD SCHOLARSHIP.—Founded in 1862 (by the investment of a sum of £520, raised by subscription), in memory of Sir Daniel K. Sandford, the eminent Professor of Greek in this University, who died in 1838. It is tenable for two years, and is awarded to the student who, on examination, gives proof of the greatest proficiency in the Greek language. Value about £20 per annum.

The examination of candidates for this Scholarship takes place every alternate year in the month of April (1897), and is open to all matriculated students (not Masters of Arts) who have attended the Public Greek Classes for not less than two sessions.

The subjects of examination are selected from the following authors:—Homer, 12 books; Herodotus, 4 books; Sophocles, 3 plays; Thucydides, 4 books; Æschylus, 3 plays; Demosthenes, one or more orations; Aristophanes, 3 plays; Xenophon's *Memorabilia;* Pindar; Plato, one or more dialogues.

Candidates are examined on not more than four of the abovementioned authors (of which Homer is always one)—two in prose and two in verse; and the subjects for each examination are given out by the examiners at the end of the session previous to that in which the examination takes place. Candidates are also examined on Translations from Greek into English, with Criticisms, and Translations, in prose and verse, from English into Greek.

The subjects for April, 1895, were—Homer, *Iliad*, XIII.-XXIV.; Aeschylus, *Oresteia;* Demosthenes, *The Crown;* Plato, *Phaedo.* Unseen Translation; Prose Composition. Candidates were at liberty to offer Verse Composition also.

Scholar—George S. Adams, 1895.

SCOTT SCHOLARSHIP (See under head "Scott Bursaries," p. 265).—This Scholarship, in value £80 per annum, is open for competition to Masters of Arts in the University of Glasgow of not more than three years' standing, having graduated with Honours in Classics or in Mental Philosophy, or to students who, at the time of competition, are presenting themselves for the final examination in the said University for the M.A. Degree with Honours in Classics or in Mental Philosophy. The examination to be in Classics, Mental Philosophy, and English Literature, which may include History. The Scholarship is tenable for two years, and the holder is required to follow such a course of study in the University of Glasgow, or give such assistance in the teaching work of the University as the Senatus Academicus may determine. The Scott Scholarship is not to be held along with any other Scholarship, Fellowship, or Bursary of the University of Glasgow. "The subjects of examination for the said Scholarship shall be, with the addition after-mentioned, Classics, or Mental Philosophy, or both of these, the special subjects being those for the examination for the M.A. degree with Honours in the given department or departments for the year, and in addition to the examination above mentioned the competitors for the said Scholarship shall undergo an examination in English Literature of a higher kind than that required for an ordinary pass." The Scholarship will be open to competition in October, 1896. The examination will be in Mental Philosophy and in English Literature (not Language) from Chaucer downwards.

Scholar—John Charles Scott, 1894.

Shaw Philosophical Fellowship.—This Fellowship was founded by subscription in 1867, in the University of Edinburgh, in memory of Sir J. Shaw, Bart., who was born at Mosshead, in the Parish of Riccarton, and County of Ayr, in 1764, was elected Lord Mayor of London in 1805, and M.P. for the same city in 1806, and after a long and distinguished career, died in London in 1843; and is open to the competition of the Graduates in Arts of any of the Scottish Universities. The Fellowship consists of the free proceeds of the sum of £4,100 mortified to the Senatus Academicus of the University of Edinburgh under the following conditions, namely :—

1. The said Fellowship shall bear the name of "The Shaw Philosophical Fellowship," in memory of the said Sir James Shaw, Baronet.

2. The Patronage of the said Shaw Philosophical Fellowship shall belong to the said Senatus Academicus, and shall be exercised by them, subject to the conditions herein contained, for the encouragement of the study of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

3. The Fellowship shall be awarded by competitive examination in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

4. The Fellowship shall, on each occasion of an appointment thereto, be open to the competition of Graduates in Arts of the Scottish Universities—that is to say, the University of Edinburgh,

the University of Glasgow, the University of Aberdeen, and the University of St. Andrews, of not more than five years' standing at the time of the competition, and of all students of the said Scottish Universities who, although they have not graduated in Arts, shall yet have successfully passed the last of the examinations necessary for such graduation in Arts, within the period of five years before the time of the competition; and the said Senatus of the University of Edinburgh, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the University of Edinburgh, shall have power either to increase or to reduce the number of years of standing as graduates, or as students who have passed all the examinations necessary for graduation, as above fixed, for competitors for the Fellowship.

5. The Fellowship shall be tenable for five years only, but the said Senatus Academicus of the University of Edinburgh shall have power, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the said University of Edinburgh, to extend, with reference to all holders of the Fellowship, the term of tenure to any period of years not exceeding ten, if, in the course of time, it shall appear to them desirable to do so, from an increase in the number of foundations of a similar kind in the University of Edinburgh, or in the other Scottish Universities, or other sufficient reason.

6. The competitive examination for the said Fellowship, shall, except in the case below provided for, be conducted by two Examiners, to be appointed in the manner following—to wit, one of the Examiners shall be appointed by the Senatus Academicus of the University of Edinburgh, either from among the members of the said Senatus or others, as they may think proper, and the other Examiner shall be appointed by the Senatus Academicus of one of the other Scottish Universities in rotation.

7. The said Examiners, so appointed, shall report their opinion of the result of the examination to the Senatus Academicus of the University of Edinburgh, who shall, as Patrons of the said Fellowship, appoint thereto the candidate who appears by the report to be best qualified by proficiency in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy, provided that, as required by the clause next following, such best qualified candidate shall, in the opinion of both the Examiners, have manifested a sufficiently high degree of proficiency to merit the Fellowship.

9. Each holder of the said Fellowship shall, during his tenure thereof, be entitled to receive the annual proceeds of Four Thousand One Hundred Pounds, and of any addition of the said sum which may hereafter be made thereto, as after-mentioned, after deducting

all reasonable expenses, including the payment of remuneration to the Examiners appointed as aforesaid.

12. It shall not be competent for any person to hold the said Fellowship along with any other Fellowship, Scholarship, or Bursary, in any Scottish University, or appropriated to the students of any Scottish University or Universities.

17. It shall be in the power of the Senatus Academicus of the University of Edinburgh to require the holder of the Shaw Philosophical Fellowship during the fourth or fifth year of his tenure of it, to deliver in the University of Edinburgh a Course of Lectures, not exceeding four, on any of the subjects for the encouragement of the study of which the Fellowship has been founded; and notice shall be given to the holder of the Fellowship twelve months previously to the time fixed for the delivery of the said Lectures that he is required to deliver them; but the said Senatus, with consent of the University Court of the University of Edinburgh, shall have power to alter the number of Lectures, if it shall be found desirable to do so.

Present Fellow—Henry Barker, M.A. (of Edinburgh University), 1893.

SNELL EXHIBITIONS.—In the year 1677, Mr. John Snell of Uffeton, in the County of Warwick, a native of Scotland, and formerly student in this University, devised to trustees a considerable estate near Leamington, in Warwickshire, for educating Scottish students at Oxford.

The Exhibitioners are now elected under a scheme settled in the Court of Chancery in 1872. Under the provisions of this scheme it was then arranged that the number of Exhibitioners should be limited to fourteen, it being lawful to elect three in each year, unless the number on the Foundation should thereby be increased beyond fourteen, in which case not more than two were to be elected, the Exhibition being tenable for five years; but by an agreement of date 2nd April, 1878, under provisions of the same scheme, the following regulations were sanctioned:—

1. The stipend of each Exhibitioner admitted to the foundation after the 31st day of December, 1878, shall be £132.

2. Until the 31st day of December, 1880, the greatest number of Exhibitioners shall be twelve.

3. During the year from the 31st day of December, 1880, to the 31st day of December, 1881, the greatest number of Exhibitioners shall be eleven.

After the 31st day of December, 1881, the greatest number of Exhibitioners shall be ten.

The number of ordinary Exhibitioners it shall be lawful to elect in each year shall be three, unless the number on the foundation for the time being would be thereby increased beyond the greatest number for the time being permitted by this agreement, in which case not more than two shall be elected.

By a subsequent agreement of date 21st January, 1886, the following modifications were made:—

1. The value of the Snell Exhibitions shall be reduced to £80 a year.

2. They shall be held, as heretofore, for five years, but the whole sum of £400 will be paid to each Exhibitioner during the first three years of his tenure in equal annual sums, but a moiety of the last annual payment shall be kept back, if the authorities of Balliol College think fit, until the Exhibitioner shall have taken his Degree.

Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided[1] as Undergraduate Students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland." "No candidate shall be admitted to examination who shall be a member of the University of Oxford of more than one year's standing from the day of his matriculation inclusive; and no candidate shall be admitted to examination more than once after he shall have completed his 23rd year; but a candidate otherwise qualified shall not be excluded from examination on the ground that he is a graduate of any Scotch University."

Candidates are expected to inscribe their names in a book kept at the Clerk of Senate's Office for the purpose, not later than 1st December, 1895. The next examination will be held in March and April, 1896, on the same days and at the same hours as the Examinations for the Degree of M.A. with Honours, the English paper being taken on Saturday, 28th March, at 9 A.M.

The subjects of examination are as follows:—

IN LATIN, GREEK, LOGIC, AND MORAL PHILOSOPHY.—The subjects of examination for the Degree of M.A., with Honours.

IN NATURAL PHILOSOPHY AND MATHEMATICS.—The subjects of examination for the Ordinary Degree of M.A., and higher subjects which any candidate may express a wish to be examined in.

Candidates are requested to take notice that they are not required to attend the examination in more than one of the three departments of the examination, viz.: Classics, Mental Philosophy, Mathematics; that a candidate may be appointed for decided excellence in any one department alone; and if such excellence in some one of the departments be not displayed by three of the candidates, the Senate will either appoint a candidate who has shown sufficient proficiency in several departments, or will abstain from making three appointments. All candidates, however, will be required to write an English Essay on a subject prescribed at the time.

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[1] By Resolution of date December 13th, 1866, the Senate determined that "Residence" shall, for the purpose of the Snell Trust, be constituted by regular attendance as a public student for the complete Winter Session on not less than two of the classes in the curriculum for the Degree of Arts.

Exhibitioners—[1] John E. M'Fadyen, 1890; George D. Brown, 1891; Edward H. Wallace, 1893; William Gow, 1894; William K. Gillies, 1895.

THOMSON EXPERIMENTAL SCHOLARSHIPS.—Three Scholarships, in value about £20 each, for the promotion of Experimental Research, founded by Sir William Thomson (now Lord Kelvin), LL.D., D.C.L., Professor of Natural Philosophy in the University, by letter to the Principal, of date September 6th, 1869, in which, after referring to "the liberal and friendly spirit which had been shown him by his colleagues in respect to his connection with telegraphic enterprise," and the "facilities for experimenting which the College had afforded him," he states that "he wished to mark his sense of these benefits by setting aside something of what he had received to assist in promoting the cultivation of experimental investigation in Glasgow University," and for this purpose offered for the acceptance of the Senate the sum of £1,000.

The scholars are appointed by the Senate on the recommendation of the Professor of Natural Philosophy from among students who have previously shown their zeal and ability in Experimental Investigations in the Physical Laboratory, and they are required to engage in the continual prosecution of Experimental Investigations in the Laboratory for not less than nine months of the year, to the satisfaction of the Professor of Natural Philosophy. These Scholarships may be held along with any other Bursary, Scholarship, or Fellowship.

Scholars for 1895—Vincent J. Blyth, John F. Henderson, Mungo M. Fairgrieve.

TRAVELLING SCHOLARSHIP FOR BIBLE LANDS, INCLUDING GREECE. —This Scholarship, of the value of £150, will be open for competition in June, 1896, to all Graduates in Arts who have, in March or April, 1895 or 1896, completed either their second or their third Session of Study in the Divinity Hall of any Scottish University, with a view to the ministry of the Church of Scotland. The holder will be required to leave before the end of September for the East, and to spend (1) not less than three months in Greece, devoting there the main part of his attention to the living language of the country; and (2) not less than six months in Syria and Egypt, devoting special attention to the study of Arabic during this period.

The subjects of examination will be (1) Classical and New Testament Greek; (2) Hebrew; (3) a prescribed portion of early Church History; (4) some work or works on Bible Archaeology and Egyptian History. Subjects of examination and other details will be intimated in the September number of the Church of Scotland *Mission Record* for 1895.

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[1] Vacant through lapse of time.

3.—*PRIZES.*

Besides the class Prizes, and a number of Prizes given by the different Professors for particular kinds of merit, there are others which the generosity of public spirited individuals has founded for the encouragement of learning in the University.

The names of the Prizemen for Session 1894-95 will be found in the Degree and Prize List.

INDEX.

Foundation.	Nature of Prize.	Awarded for
Arnott,	£25 and £15,	Examinations.
Brunton Memorial,	£10,	Do.
Buchanan (3),	Books,	Do.
Cleland,	Gold Medal,	Do.
Cleland & Rae Wilson,	Four Gold Medals,	Do.
Coulter,	Two at £5 each,	Essays.
Cowan,	Three Gold Medals,	Examinations.
Cunninghame,	Gold Medal,	Do.
Dill,	£25,	Thesis.
Dobbie-Smith,	Gold Medal (biennial),	Essay.
Dowanhill,	£21 and £10 10s.,	Elocution.
Ewing,	Gold Medal (biennial),	Essay.
Findlater,	£38,	Examination.
Gartmore,	Gold Medal (biennial),	Essay.
Gladstone Historical,	£21 (biennial),	Examination.
Harvey, George,	£20,	Do.
Henderson,	£21,	Essay.
Jamieson,	£10,	Examination.
Jeffrey,	Gold Medal,	Do.
Kirk Memorial,	£12,	Do.
Logan, Thos., Memorial,	Gold Medal and £12,	Do.
Luke Historical,	£10 (biennial),	Do.
Macfarlan and Cook,	£21,	Do.
Muirhead,	Books,	Do.
Reid, John,	£25,	Original Research.
Ross, Robert (2),	Med., books, or money,	Examinations.
Scott-Macfarlan,	Gold Medal,	Examination.
University,	Silver Medal,	Essay.
Walker (4),	Books, &c.,	Examinations.
Watt,	£10,	Essay.

Arnott Prizes.—Founded in 1869, by Dr. Neil Arnott, of London, who presented to the Senate the sum of £1,000 to found a Prize, or Prizes, for the encouragement of the study of Natural Philosophy among the Medical students of the University.

By resolution of the Senate, of date April 10, 1873, the following regulations were adopted :—

1. That there shall be two separate examinations—one in General Physics, for students of the first and second years of their Medical

studies; the other for students of the third and fourth years, in Physiological Physics, or the application of the doctrine of General Physics to Physiological Science.

2. The knowledge required for the second of these examinations being much more extensive, and of a much higher order than that required for the first, and being the kind of knowledge of which it is most important to encourage the cultivation, as not only useful in the practice of the Medical Art, but eminently fitted to advance the Physiological Sciences; that a sum of not less than Twenty-five pounds be offered annually, in one or several sums, as circumstances may require, to the student or students who excel in the second examination.

3. That the remaining portion of the revenue derived annually from Dr. Arnott's donation be offered in the same way to the student or students who excel in the first examination.

4. That the first examination be under the superintendence of the Faculty of Arts, with the Professors of Physiology and of Anatomy as Assessors.

5. That the second examination shall be under the superintendence of the Medical Faculty, with the Professors of Natural Philosophy and of Mathematics as Assessors.

6. That all candidates shall, at the commencement of each session, intimate their intention to the Assistant Clerk (Matriculation Office); and that, to prevent unqualified persons from coming forward, each candidate shall produce satisfactory evidence of his having attended a Course of Lectures on Natural Philosophy, or of having been a pupil in a Laboratory where Practical Physics or Practical Physiology is taught; or, failing of these qualifications, he shall deposit the sum of ten shillings, which shall be forfeited if his examination marks fall below the average standard.

7. That every candidate who passes creditably the first examination shall be thereby entitled to come forward for the second, without being obliged to deposit the sum of ten shillings.

8. That no prize shall be awarded without sufficient merit being shown, and that in the event of one or more of the prizes on any occasion not being awarded, the amount shall be added to the principal sum.

The examination will be in writing, and will be held on Saturday, the 12th October, 1895, in the Examination Hall, at 2 P.M. Intending candidates to give in their names to the Assistant Clerk (Matriculation Office) on or before 25th September.

BRUNTON MEMORIAL PRIZE.—Founded in 1879, in memory of the late Duncan M. Brunton, M.A., M.B., Paisley, a distinguished graduate of this University, who died on 16th November, 1876, of fever, contracted in the diligent discharge of his professional duties in the Royal Infirmary of Paisley. The Committee of Subscribers paid over to the Senate the sum of £300, the interest of which is to be given annually to the most distinguished graduate in Medicine of the year.

BUCHANAN PRIZES.—A Bursary was founded in 1866, in recognition of the eminent services of Robert Buchanan, LL.D., as Professor of Logic and Rhetoric in the University during the long period of forty years. The fund consists of a sum of £314 raised by subscription. The Buchanan Bursaries having been founded under the Will of Professor Buchanan, the proceeds of this fund are now, with the sanction of the subscribers, applied to the purchase of books, which are annually awarded to the most distinguished students in the classes of Logic, Moral Philosophy, and English Literature.

CLELAND AND RAE WILSON GOLD MEDALS.—Dr. James Cleland, Superintendent of Public Works in Glasgow, who died 14th October, 1840, founded a Gold Medal of the value of Ten Guineas, to be bestowed in alternate years on a student of Divinity, and a student of Natural Philosophy, as a prize for the best Essay on any subject to be prescribed by the Principal and Professors of the University.

Dr. William Rae Wilson, of Kelvinbank, who died 2nd June, 1849, founded a Gold Medal to be bestowed upon the Divinity student who should produce the best Essay on the Life of Christ.

These foundations are now regulated by Ordinance No. 97[1] of the Universities Commissioners (1889). The Cleland Gold Medal, not exceeding ten guineas in value, is awarded to the most distinguished student in the class of Natural Philosophy in each year. The remainder of the free income of the Cleland Foundation is added to the total free income of the Rae Wilson Foundation, to provide four Gold Medals of equal value. These medals are awarded in each year as follows:—One to the most distinguished student in each of the classes of (1) Divinity, (2) Ecclesiastical History, (3) Hebrew and Semitic Languages, and (4) Divinity and Biblical Criticism. In the event of there being no student of sufficient distinction in any of these classes, the proportion of the income for that year may be applied towards the promotion of theological study in such manner as the Senate may decide.

COULTER PRIZES.—In 1787, Mr. James Coulter, merchant in Glasgow, bequeathed £200 to the University, "the annual proceeds to be applied in premiums, one or more, either pecuniary or honorary, for the encouragement of Composition and Elocution, upon subjects of the Faculty's choosing." The interest of this sum is now divided into Two Prizes of £5 each; the one to be given in alternate years for a Sermon or Theological Essay, and for an Essay on Mental Philosophy and English Literature, the other to be given annually for a translation from some Classical Author, or other composition connected with Classical Literature. The competition for these prizes is open to all students of the University.

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[1] This Ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

COWAN GOLD MEDALS.—In 1836, Dr. Cowan of Sunderland presented to the University the sum of £400, the interest to be applied annually in the purchase of Two Gold Medals of the value of about £10 each, to be awarded to the two students who may distinguish themselves most in the Greek and Latin Examination upon the Blackstone; and shortly afterwards (1839) the same gentleman presented the University with an additional sum of £105, the interest to be expended annually in the purchase of a Gold Medal of the value of £5, to be awarded to the best student in the Humanity Class.

The examination for Dr. Cowan's Blackstone Medals will be held early in November, 1895. Competitors to be eligible must be public students in some curriculum class in the Faculty of Arts.

For the Greek Medal—1. A candidate must have received a Certificate in the Greek Class for session 1894-95.

2. Every candidate will be required to answer a Preliminary Paper, consisting of unprepared passages for translation.

3. Two or more candidates, selected by this paper, will on a subsequent day be examined orally in the books which they offer.

4. Each selected candidate must offer for the Oral Examination (i.) one Verse Subject, (ii.) one Prose Subject. (i.) The Verse Subject must be *either* five books of Homer, *or* two Greek plays (tragedies or comedies). (ii.) The Prose Subject may be any *one* of the following :—(*a*) Herodotus—two books ; (*b*) Thucydides—two books ; (*c*) Plato—two dialogues, or two books of the *Republic ;* (*d*) Aristotle—two books of the *Ethics*, of the *Politics*, or of the *Rhetoric*.

5. Any member of the Greek Class for session 1895-96 is at liberty to go in for the Preliminary Paper, even though he is not a candidate for the Cowan Medal ; and if he acquits himself with distinction in that paper, his name will be mentioned when the award of the Medal is announced.

For the Latin Medal, competitors must in the session preceding the competition have received a public ticket of the Latin Class.

Notice is hereby given, that at the examination for Dr. Cowan's Medals in November, 1892, and thereafter, no one will be admitted to compete for the Greek Cowan Medal who has attended for more than three sessions, or who, after passing the preliminary examination in Greek, has attended for more than two sessions in any Scottish University, and no one shall be admitted to compete for the Latin Cowan Medal who has attended for more than two sessions, or who, having been admitted to the Senior Class in consequence of having passed the preliminary examination in Latin, has attended for more than one session in any Scottish University.

CUNNINGHAME GOLD MEDAL.—In 1886, Mr. Andrew Cunninghame, Town Clerk Depute of Glasgow, bequeathed to the University, *inter alia*, £350, free of legacy duty, with directions that the annual revenue thereof should be applied in purchasing a Gold Medal as a prize in the class of Mathematics.

DILL PRIZE.—A sum of £25 was presented to the Medical Faculty in 1893 by the late Professor Robert F. Dill, of Belfast (M.D. Glasgow, 1834), as evidence of his desire to promote the interests of the University and Medical School, by offering a prize for the best Thesis among those awarded "Honours" or "Commendation" from June, 1893, to the graduation of July, 1896.

DOBBIE-SMITH GOLD MEDAL.—In 1881, Mr. Thomas Smith, L.R.C.S.E., Heriot Hill House, Edinburgh, presented to the University, in memory of his wife, lately deceased, the sum of £150 for the purpose of founding a University Gold Medal of about £10 in value, to be given biennially for the encouragement of the study of Botany. The competition is open to all Matriculated Students of the session in which the Medal is to be awarded; the subject of competition—which shall always be a Botanical subject—to be selected by the Professors of Botany and Natural History, and announced at least eighteen months before the date fixed for receiving essays.

The subject for the next competition to be an Essay on any subject within the limits of the Science of Botany. The treatment of the subject to show original work, and the essay to be accompanied by an illustrative series of macroscopic and microscopic specimens. Essays to be given in to the Principal on or before 14th November, 1895.

DOWANHILL PRIZES.—Two prizes, one of £21, and the other of £10 10s., for "Excellence in the Art of Oratory and Declamation, and in the practice of a refined and pleasing Delivery, and in reading the Scriptures," founded in 1865 by Mr. John Buchanan, merchant in Glasgow, as sole Trustee, nominated and appointed by his deceased brother, Mr. Thomas Buchanan, also merchant in Glasgow, and in order to carry out the intentions of his said brother. These prizes are awarded annually to Students of Divinity, at the termination of the third or fourth session of their attendance on the Hall, by the votes of their fellow-students. Competitors must have attended for two sessions an Elocution Class, taught by a master approved by the Senate.[1]

The above foundation is in memory of the late Mr. James Buchanan, of Dowanhill, of Ellison MacCallum, his wife, and of Mr.

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[1] See note under Faculty of Theology, *supra*.

George Buchanan, of Stanley, Perthshire, the Father, Mother, and elder Brother of the Founder.

EWING GOLD MEDAL.—In 1828, James Ewing, LL.D., of Levenside, presented the University with £100 for a Gold Medal to be given every second year for the best essay on an historical subject. The Gartmore and Ewing Medals are to be given alternately.

FINDLATER (DIVINITY) SCHOLARSHIP OR PRIZE.—This Scholarship, consisting of the free annual proceeds of the sum of £1,000 gifted to the Senate by Mr. Alexander Findlater, Dublin, was founded in 1871. The following regulations have been adopted by the Senate :—

1. The Findlater Scholarship shall be awarded annually by competition.

2. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

3. The competition shall be open to all students of Divinity in this University who shall complete the ordinary course at the close of the session in which the examinations are held.

The next competition will take place in November, 1895, and March, 1896. Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on or before 25th October, 1895.

GARTMORE GOLD MEDAL.—In 1788, Mr. Robert Graham, of Gartmore, presented the University with £100 for the institution of a Prize for the best essay on any subject intimately connected with the nature, foundation, advantages, and support of political liberty. This Prize—a Gold Medal—is open to the competition of all students of the University, and is given biennially. The founder directed that the surpluses should be accumulated till a capital was formed sufficient to found a Bursary.—See Gartmore Bursary, p. 233.

GLADSTONE HISTORICAL PRIZE.—Founded in 1880 by the Gladstone Club, in commemoration of the election in 1877 of the Right Honourable William Ewart Gladstone, M.P., as Lord Rector of Glasgow University, and in recognition of his distinguished career as a scholar, author, statesman, and orator. The following are the regulations :—

1. The prize shall be given for the best examination in English History.

2. The examination shall be held biennially.

3. The value of the Prize shall be Twenty Guineas.

4. The competition shall be open to Graduates of Glasgow University of not more than two years' standing from the date of their first graduation. The sixth competition will take place in January,

1896. Names of competitors to be given in to the Assistant Clerk (Matriculation Office) not later than 1st December, 1895.

GEORGE HARVEY PRIZE.—Founded in 1874, by the liberality of a donor who has withheld his name, in memory of the late Mr. George Harvey, of No. 9 Park Quadrant, Glasgow. Annual value, ordinarily £20, which is given as a prize in the class of Civil Engineering, to the student who shows, during the session, the greatest proficiency in the department of applied Mechanics and Shipbuilding. Any accumulation of surplus income to be given as a second prize of £5 or £10 in the same department.

HENDERSON PRIZE.—In 1850, Mr. John Henderson, of Park, merchant in Glasgow, instituted an annual prize of the value of £21 sterling, to be called the "Henderson Prize," for the best Essay on some subject relating to the Divine Authority and Practical Value and Influence of the Sabbath. The Universities Commissioners (1889), by Ordinance No. 101,[1] altered the conditions and directions affecting this prize. It is now to be awarded for the best essay on a subject to be fixed by the Faculty of Divinity, provided always that in every third year at least, the subject shall relate to the Divine authority and practical value and influence of the Sabbath. The competition is to be open to Masters of Arts of not more than five years' standing, as well as to matriculated students of the University.

JAMIESON PRIZE.—In 1854 a subscription list was opened for the foundation of a prize or scholarship in Divinity, but the commercial difficulties of the following years prevented the purpose of the promoters being carried out at the time. In 1881 the sum subscribed, amounting, with accumulated interest, to £319 6s. 4d., was handed over to the University, and the Senate resolved to connect it with the name of the Convener of the Committee of subscribers, the Rev. Robert Jamieson, D.D., formerly minister of St. Paul's Church, Glasgow.

The following regulations have been adopted by the Senate :—

1. The Jamieson Prize shall be awarded annually by competition.

2. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

3. The competition shall be open to all students of Divinity in this University who shall complete the ordinary course at the close of the session in which the examinations are held.

4. The Prize shall not be awarded to any one who has gained a Scholarship or Fellowship in Divinity.

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

The next competition will take place in November, 1895, and March, 1896. Names of candidates to be given in to the Assistant Clerk (Matriculation Office), on or before 25th October, 1895.

JEFFREY GOLD MEDAL.—Mr. Francis Jeffrey, advocate (afterwards Lord Jeffrey), on his re-election as Lord Rector of this University, in 1821, gave a prize of a Gold Medal, and continued to do so annually.

In 1849, Lord Jeffrey presented the University with the sum of £120 for a Gold Medal to be awarded each session to the most distinguished student of the Greek Class.

KIRK MEMORIAL PRIZE.—A sum of £402 was collected in 1893 by various friends of the late Alexander Carnegie Kirk, LL.D., formerly President of the Institution of Engineers and Shipbuilders in Scotland, for the purpose of founding a prize in his name, in connection with the Naval Architecture Class in the University. The free annual income of the foundation is awarded annually as a prize. The competition is open to students who have, in the session of competition, attended the Senior Class of Naval Architecture, and who are completing the Final Science Examination under Ordinance No. 23, Glasgow No. 2, embracing (*a*) Naval Architecture with Marine Engineering, and (*b*) Practical Work in Ship and Marine Engineering Drawing, the award being determined by the proficiency shown in (*a*) and (*b*). Should two or more candidates be reported equal, the Senate may divide the Prize, or prescribe a further examination. The subscribers have given the Senate power to convert this Prize into a Bursary, should it be found expedient or advantageous to do so at any future time.

THOMAS LOGAN MEMORIAL MEDAL AND PRIZE.—Mr. David Logan, fruiterer, Glasgow, who died on 19th May, 1886, directed his trustees to pay to the Senate the sum of £500, free of legacy duty, to found a Gold Medal and Prize in memory of his brother, Thomas Logan. The Medal is of the value of £5, and the Prize consists of the balance of the annual proceeds given in money. They are awarded annually in November to the most distinguished graduate in Arts of the year.

LUKE HISTORICAL PRIZE.—A sum of £150 was collected in 1863 by various friends of the late Mr. George Rankin Luke, in Oxford and Scotland, for the purpose of founding a prize in his name, in connection with the University of Glasgow, where he studied during two years of his brilliant career as a scholar.

The Senate, with the sanction of the promoters of this fund, resolved to employ it to found a biennial Prize, for excelling in a competitive examination on general subjects connected with Ancient History and Literature. The examination to be conducted either altogether in writing, or by combination of writing and *vivâ voce* questions; and the determination to rest with the Professors of Humanity and Greek, in conjunction, in case of uncertainty, with any one of their colleagues whom they may desire to nominate.

The Prize on the above foundation is given to the student who acquits himself best in an examination in Ancient Greek and Roman History.

The next competition will be held in January, 1897. In addition to historical questions, original passages will be given for translation from the standard authors. The competition is open to all students who shall have attended during session 1895-96 any Greek or Latin Class.

Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on 1st December, 1896.

MACFARLAN AND COOK TESTIMONIAL PRIZE.—The Macfarlan and Cook Testimonial Prize of Twenty Guineas, instituted in 1847 (along with a similar Prize in the University of St. Andrews), by the friends of the late Principal Macfarlan, D.D., of this University, and Professor George Cook, D.D., of St. Andrews, as a memorial of the services rendered to the Church of Scotland by these eminent clergymen, is bestowed annually on the Theological Student, of three years' standing, who shall pass the best examination in Greek, Moral Philosophy, Hebrew, Ecclesiastical History, and Divinity.

MUIRHEAD PRIZES.—In 1776, Messrs. John Muirhead of Teggetsheugh, and Peter Muirhead, minister of Dysart, brothers of the deceased Mr. George Muirhead, Professor of Humanity in Glasgow College, presented a donation of £100, the interest to be applied in purchase of books to be awarded as prizes to those students attending the Humanity Class who shall be thought most deserving.

RAE WILSON GOLD MEDAL.—(See Cleland and Rae Wilson, p. 295.)

JOHN REID PRIZE.—A Prize of the value of £25 was founded in 1882 by Miss Mary Reid, Renfrew Street, Glasgow, in memory of her brother, the late Mr. John Reid, surgeon, 150 Renfrew Street, Glasgow. The prize will be awarded for the best original research conducted in one of the Hospitals or Scientific Laboratories in Glasgow, bearing on any department of Medical Science. The competition is open to registered students of medicine of not less than two years' standing; and to qualified medical men of not more than two years' standing, who (1) are still attached as *bonâ fide* students to one of the Glasgow Medical Schools, who (2) are not engaged in practice, and who (3) undertake to give up the prize if they enter on practice while holding it. All candidates are required to produce evidence of having attended a regular course of instruction, in one of the medical schools of Glasgow, on *four* of the following subjects :—Medicine, Clinical Medicine, Surgery, Clinical Surgery, Materia Medica, Physiology, Pathology—such course of instruction having been received, in whole or in part, within three years of competing for the prize. The prize may be awarded for one, two, or three years, according to the value of the work done.

Further information may be obtained from Mr. John Hurll, jun., writer, 121 West Regent Street, Glasgow.

ROBERT ROSS PRIZE.—The late Robert Ross, Esq., writer, Glasgow, by his Will, dated 1880, bequeathed to the Dean and Council of the Faculty of Procurators, Glasgow, the sum of £500, to be held by them in trust, "to the end that the free annual income thereof shall be applied as an annual prize in the form of a medal, of books, or of money, as the Dean and Council may determine, to a student in each of the Scots Law Class and the Conveyancing Class of the University of Glasgow in equal proportions, such prize to be awarded for eminence displayed, either in the general business of the class or in any other manner in which the said Dean and Council may prescribe."

SCOTT-MACFARLAN GOLD MEDAL.—Founded in 1870 by Miss Scott, daughter of the late Rev. Robert Allan Scott, Vicar of Cranwell, Lincolnshire, in fulfilment of her father's intentions.

Mr. Scott, wishing to encourage the study of Greek in the University of Glasgow, of which he was an alumnus, and from which he obtained an Exhibition to Balliol College, Oxford, in 1825, dedicated to that purpose the sum of £100 for a Gold Medal, to be called the "Scott-Macfarlan Prize for Greek," in memory of Mr. Scott's kinsman, the late Principal Macfarlan, and to be given on the last day of the session in each year to the best scholar in Greek of the session ; the medal to be adjudged by the votes of the students of the upper Greek class. As the Jeffrey Medal has long been given to the best student in the senior Greek Class, Miss Scott consented to give the "Scott-Macfarlan" Medal to the best student in the middle class.

UNIVERSITY MEDAL.—The University bestows annually a Silver Medal for an Essay in Mental Philosophy.

WALKER PRIZES.—Four Prizes (consisting of Books or Instruments) to be competed for each year by students of Civil Engineering and Mechanics, founded in 1857 and 1861 by James Walker, Esq., Civil Engineer, LL.D., F.R.SS.L. and E.

The competition is open to all persons who shall have duly entered themselves as attending the class of Civil Engineering and Mechanics during the current session.

The competitors are examined orally and in writing; and two of the prizes are awarded on the results of the written examinations; the other two by votes of the class.

WATT PRIZE.—In 1808, James Watt, LL.D., presented the College with a perpetual annuity of £10, for the institution of a prize, to be awarded to the author of the best Essay on some subject in the following branches of study, to be taken in rotation:—1. Any branch of Mechanics or its dependent Arts. 2. Statics, and the Machines and Arts dependent. 3. Pneumatics, Statical or Chemical, Machines and Arts. 4. Hydraulics, Hydrostatics, their Machines and Arts. 5. Chemistry, its Arts and Apparatus. All actual students who had completed, or who, at the end of the session in which the Prize fell to be awarded, should have completed a regular course of study in Languages and Philosophy, might be competitors. By Ordinance No. 93[1] of the Universities Commissioners (1889) it is provided that the Watt Prize shall be discontinued, that the funds shall be allowed to accumulate for four years, and that thereafter, subject to certain contingencies, a James Watt Scholarship in Engineering, or two Bursaries in Engineering shall be established.

4.—*LIST OF BURSARIES, &c., OPEN TO COMPETITION DURING SESSION* 1895-96.

A.—FACULTY OF ARTS.

1.—BURSARIES.

The following is a summary of the principal provisions of Ordinance No. 57[2] of the Universities Commissioners (1889) relating to the Bursary competition:—

The subjects of the examination for open Bursaries in Arts of the first year shall be the subjects prescribed for the Arts Preliminary, of which subjects candidates may select not more than five. Candidates who select Latin, Greek, or Mathematics, must take the papers of the higher standard in those subjects. In determining the marks to be assigned to the several subjects of examination, English, Latin, Greek, and Mathematics shall each have assigned to them double the marks assigned to any other subject, and no candidate shall be credited with marks in any subject in which he has not obtained such proportion of the total number of marks assigned to that subject as the Senate may from time to time prescribe.

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[1] This ordinance, issued on 15th February, 1895, comes into force when approved by Her Majesty in Council.

[2] The full text of this ordinance is printed in Appendix II. It was issued on 30th July, 1894, and came into force on 11th May, 1895, having been on that date approved by Her Majesty in Council.

No Candidate shall, except as hereinafter provided, obtain an open Bursary in Arts who shall not have passed the Preliminary Examination in Arts ; provided that it shall be in the power of the Senate, with the approval of the University Court, to admit to an open Bursary in Arts a Candidate who shall have passed in at least three subjects of the Preliminary Examination, on the condition that he shall not retain the Bursary unless he shall have passed in all the subjects not later than the second Preliminary Examination after the date of his admission as Bursar.

No student who has during a winter or summer session attended in any Scottish University any class qualifying in his case for graduation in Arts or Science, shall be eligible to compete for Bursaries of the first year in Arts or Science.

Candidates for Bursaries in Arts which are not awarded by open competition shall present themselves for the Preliminary Examination in Arts, and no Bursary shall, except as hereinafter provided, be awarded to any Candidate who shall not have passed the Preliminary Examination in Arts : provided that it shall be in the power of the Senate, with the approval of the University Court, to admit to a Bursary in Arts not awarded by open competition a Candidate who shall have passed in at least one subject of the Preliminary Examination, on the condition that he shall not retain the Bursary unless he shall have passed in all the subjects not later than the second Preliminary Examination after the date of his admission as Bursar.

FOR STUDENTS ENTERING THE FIRST SESSION IN ARTS.

1. *Black Bursary*, annual value £21, tenable for four years—open.
2. *Ebenezer Brown Bursary*, annual value £37, tenable for three years—open.
3. *Buchanan Bursary*, annual value £13, tenable for three years—open.
4. *Forfar Bursary*, annual value £30, tenable for four years—open.
5. *General Council Bursary*, annual value £20, tenable for three years—open.
6. *Gartmore Bursary*, annual value £24, tenable for three years—open.
7. *Malcolm M'Ewen Bursary*, annual value £16, tenable for four years—open.
8. *M'Grouther Bursary*, annual value £20, tenable for four years—open.
9. *M'Grouther Bursary*, annual value £15, tenable for four years—open.

10. *Scott Bursary*, annual value £25, tenable for four years—open.

11. *Stewart Bursary*, annual value £15, tenable for four years—open.

12. *Taylor Bursary*, annual value £12, tenable for four years—open.

13, 14, 15, 16, 17, and 18. *Six John Clark (Mile-end) Bursaries*, annual value £30 each, tenable for four years, for Protestant students, sons of Protestant parents.

19. *Barbour Kilbarchan Bursary*, annual value about £16, tenable for three years, open only to candidates not exceeding 18 years of age from Kilbarchan Public School.

20 and 21. *Two Biggart Memorial Bursaries*, annual value £25 each, tenable for four years, for students preparing for the Ministry of the United Presbyterian Church.

22. *Brand Bursary*, annual value about £24, tenable for four years, for students preparing for the ministry of the United Presbyterian Church.

23. *Brown-Paton Bursary*, annual value about £16, tenable for three years. Preference to natives of Loudon or Galston, whom failing, to natives of any other part of Ayrshire.

24. *Browne (Ayrshire) Bursary*, annual value about £20, tenable for four years, for natives of Ayrshire, or those who have been educated for not less than four years in a school in Ayrshire.

25. *Cowan Bursary*, value for each of first two years £30, for third year £20, for students who have attended Ayr Academy for at least two years before the date of examination. Apply to Mr. J. G. M'Skimming, 7 Wellington Square, Ayr, before the first day of September.

26. *Archibald Craig Bursary*, annual value £9, tenable for two years, for students who are natives of Eaglesham or Mearns, or who for two consecutive years have attended school in either of these parishes.

27. *Denny Bursary*, annual value £30, tenable for four years, for students from Dumbarton Burgh Academy. [Tenable in any Faculty.]

28. *Duncan's Bute Bursary*, annual value £35, tenable for four years, for students who are natives of Bute.

29, 30, and 31. *Three Glasgow Highland Society's Bursaries*, annual value £20 each, tenable for four years, for students of Highland descent. Apply to Mr. R. Hope Robertson, 58 St. Vincent Street, before the first day of September.

32. *James Ewing Entrance Bursary*, annual value £20, tenable for four years, for sons of Glasgow merchants. Apply to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September.

33, 34, and 35. *Three Fullarton of Overton Bursaries*, annual value £20 each, tenable for two years, for students under 25 years of age, from the district of Cunninghame, in Ayrshire. Subjects of Examination—Latin, Elementary Mathematics, and English.

36. *Hamilton Educational Trust Bursary*, annual value £15, tenable for three years, open to pupils attending public or State-aided schools

in the burgh and parish of Hamilton. Apply to Mr. Patrick Keith, writer, Hamilton, before the first day of September.

37. *Hannay Bursary*, annual value about £15, tenable for three years, for students preparing for the Ministry of any Evangelical Religious Denomination in Scotland. Apply to Mr. Robert Brodie, 77 St. Vincent Street, before the first day of September.

38, 39, and 40. *Three Glasgow City Educational Endowments Bursaries*, annual value £25 each, tenable for four years, for students from public or State-aided schools in Glasgow. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September.

41, 42, 43, 44, and 45. *Five Hutchesons' Educational Trust Bursaries*, annual value £20 each, tenable for four years, for students who have attended two sessions in the secondary department of Hutchesons' Grammar School. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September.

46 and 47. *Two James Laing Bursaries*, annual value £25 each, tenable for four years, for those who have been educated for at least three years in a school or schools in Stirlingshire. Apply to Mr. William Jenkins, Writer, Denny, before the first day of September.

48. *James Lochhead Bursary*, annual value £16, tenable for three years, for students of the name Lochhead, whose parents are members of the Established Church of Scotland.

49. *Lochhead and Mitchell Bursary*, annual value £32, tenable for four years. Preference to students of the name of Mitchell or Lochhead, whose parents are members of the Established Church of Scotland.

50, 51, 52, and 53. *Four Marshall Trust Bursaries*, annual value £30 each, tenable for five years, for students from public or State-aided schools in Lanarkshire or Stirlingshire. Apply to Mr. Wm. Mitchell, 134 Wellington Street, Glasgow, before the first day of September.

54. *M'Culloch Bursary*, annual value £17, tenable for four years, for students educated not less than three years at a school or schools in Greenock.

55. *James Paterson Bursary*, annual value £23, tenable for four years, for students preparing for the Ministry of the Baptist Church.

56. *Patrick Bursary*, annual value about £40, tenable for four years, for students from Renfrewshire.

57. *Pollock Bursary*, annual value £40, tenable for three years. Preference to candidates educated in Paisley.

58 and 59. *Two Ramsay-Walker Bursaries*, annual value £12 each, tenable for four years, for students preparing for the Ministry of the Established Church of Scotland. Preference to kin of Founder; whom failing, to students of name of Walker; whom failing, to natives of Glasgow.

60. *Stevenson of Dalry Bursary*, annual value £32, tenable for four years, for students preparing for the ministry of the Church of Scotland. Preference to natives of Dalry in Ayrshire; whom failing, to natives of Bannockburn or St. Ninians in Stirlingshire.

61. *William Whyte Bursary*, annual value £25, tenable for four years, open to students who have attended and completed the curriculum in the Secondary Department of Hutchesons' Grammar School. Apply to Messrs. Hill & Hoggan, 194 Ingram Street, on or before the first day of September. [Tenable also in Law or Medicine.]

FOR STUDENTS ENTERING THE SECOND SESSION IN ARTS.

Nos. 2, 4, 5, 10, 11, 22, 28, 33, 34, 35, 46, 47, 60 in the preceding list.

62. *Park General Council*, annual value £20, tenable for two years—open.

63 and 64. *Two James A. Paterson Bursaries*, annual value £40 and £20 respectively, tenable for three years, for students preparing for the Ministry of the United Presbyterian Church. The subjects of examination are Greek and Hebrew.

FOR STUDENTS ENTERING THE THIRD SESSION IN ARTS.

65. *Lorimer Bursary*, annual value £25, tenable for three years. The examination will take place along with the preliminary examinations in Mathematics for M.A., but may embrace higher papers.

66. *Lorimer Bursary*, annual value £25, tenable for three years. Subjects of Examination—Professor Veitch's *Institutes of Logic, Part I.* (large print only); Descartes (English translation of 1879, or subsequent edition), *Introduction*, Sections I., II., III., IV., V., VI. ; *Meditations*, I., II., III., IV. ; Shaw's *English Literature* (Murray's Student's Manual), Chaps. IV., V., VI., VII., XI. ; Shakespeare's *Julius Cæsar*, as edited by Beeching (Longman's Falcon Series) ; Zeller's *Socrates and the Socratic Schools* (translated by Reichel), pp. 1—200.

67. *John Ferguson Jaffrey Bursary*, annual value £34, tenable for two years. The subjects of examination are the same as for the Lorimer Bursary, No. 66.

FOR STUDENTS IN ARTS, WITHOUT RESTRICTION TO A PARTICULAR SESSION.

68. *James Ferguson Bursary*, annual value £80, tenable for two years. Preference, *cæteris paribus*, to natives of Lesmahagow, or Muirkirk, or Pictou, Nova Scotia, and also to students of the name Ferguson or Weir, or to the kin of the Founder. The examination is the same as that for honours in the department of Classics.

69. *Malcolm Kerr Bursary*, annual value £15, tenable for three years. The subjects of examination are in Natural Philosophy, and are the same as for honours for the Degree of M.A.

70. *Monteith Bursary*, annual value about £14, tenable for three years. Open only to natives of Scotland and sons of Scottish parents. Examination in French.

71. *Muir Junior Bursary in Mathematics*, annual value £9, tenable for sessions 1896-97, 1897-98. The appointment will be determined by

the results of the written examinations passed in the course of the session 1895-96 by the public students of the second class of Mathematics.

72. *Muir Senior Bursary in Mathematics*, annual value £18, tenable for session 1896-97. The appointment will be determined by the results of the written examinations passed in the course of the session 1895-96 by the public students of the Intermediate Honours Mathematical Class.

For Students in Arts, or Law, or Medicine.

73. *Macdonald Bursary*, annual value £14, tenable for four years, for miners under the age of 21 years. Examination in writing, arithmetic, geography, grammar, and history.
For the William Whyte Bursary, see No. 61.

2.—FELLOWSHIPS, SCHOLARSHIPS, Etc.

74. *William Euing Fellowship in Classics*, annual value £80, tenable for four years. Open to Glasgow Masters of Arts.

75. *John Clark (Mile-end) Scholarship in Classics*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

76. *Armagh Bursary in Classics*, annual value £42, tenable for three years in Theology, Law, or Medicine. Open to students who are presenting themselves for the final examination for the Degree of Master of Arts with Honours.

77. *John Clark (Mile-end) Scholarship in Mental Philosophy*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

78. *George A. Clark Scholarship in Mathematics*, annual value about £180, tenable for four years. Open to Glasgow Masters of Arts with Honours, or students presenting themselves for the M.A. Degree with Honours in Mathematics and Natural Philosophy, or Glasgow Bachelors of Science in Pure Science, or students presenting themselves for the final examination for the Degree of B.Sc. in Pure Science, but no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. Degree or the B.Sc. Degree.

79. *William Euing Fellowship in Mathematics and Natural Philosophy*, annual value £80, tenable for three years. Open to Glasgow Masters of Arts.

80. *John Clark (Mile-end) Scholarship in Mathematics and Natural Philosophy*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

81 and 82. *Two Breadalbane Scholarships*, annual value £50, tenable for three years. Open to Glasgow Masters of Arts or Bachelors of Science in the Department of Engineering Science who have graduated within a period of not more than three years preceding the competition.

83. *Snell Exhibition*, value about £133 a year, tenable for three years. Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided as undergraduate students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland."

84. *Gladstone Historical Prize* of £21, open to graduates of Glasgow University of not more than two years' standing from the date of their first graduation.

85. *Thomas Logan Memorial Medal and Prize* will be awarded in November to the most distinguished graduate in Arts of the year.

DATES OF EXAMINATIONS.

The examinations for Bursaries Nos. 1 to 62 in the above list, will commence on Friday, 27th September, at 2 p.m. The examination papers will be given in the following order, viz.:—

On Friday,	27th	September,	2— 5 p.m.,	Italian.
On Saturday,	28th	,,	9—11 a.m.,	English (1st paper).
,,		,,	12— 2 p.m.,	English (2nd paper).
,,		,,	3— 6 p.m.,	Lower Greek.
On Monday,	30th	,,	9—12 noon,	Lower Latin.
,,		,,	2— 5 p.m.,	Lower Mathematics.
On Tuesday,	1st	October,	9—11 a.m.,	Higher Latin (1st paper.)
,,		,,	12— 2 p.m.,	Higher Latin (2nd paper).
,,		,,	3— 4.30 p.m.	French (1st paper).
On Wednesday,	2nd	October,	9—11 a.m.,	Higher Greek (1st paper).
,,		,,	12— 2 p.m.,	Higher Greek (2nd paper).
,,		,,	3— 4.30 p.m.,	German (1st paper.)
On Thursday,	3rd	,,	9—11 a.m.,	Intermediate and Higher Mathematics (1st paper).
,,		,,	12—1.30 p.m.,	Do. (2nd paper).
,,		,,	3— 5 p.m.,	French (2nd paper).
On Friday,	4th	,,	9—11 a.m.,	German (2nd paper).
,,		,,	1— 4 p.m.,	Dynamics.

The examination for Bursaries Nos. 63 and 64, on Wednesday, 30th October, at 10 a.m., and Thursday, 31st October, at 2 p.m.; for Bursary No. 65, on Thursday, 3rd October, at 9 a.m. and 12 noon; for Bursaries Nos. 66 and 67, on Wednesday, 16th October, at 10 a.m. and 2 p.m.; for Bursary No. 68, on Monday, 14th October, and Tuesday, 15th October, at 10 a.m. and 1 p.m. and 4 p.m. each day, and on Friday, 18th October, at 2 p.m.; for Bursary No. 69, on Saturday, 12th October, at 10 a.m. and 2 p.m.; and for Bursary No. 70, on Tuesday, 1st October, at 3 p.m., and Thursday, 3rd October, at 3 p.m. The examinations for the Bursary No. 73 will be held in October, on days to be announced hereafter.

The examinations for the Scholarships and Fellowships, Nos. 74 to 82 inclusive, in the above list, will be held along with the examinations for Honours in the several departments for the Degree of M.A., in October, 1895; for No. 83, along with the examinations for Honours, in March and April, 1896, the English paper being taken on Saturday, 28th March, at 9 a.m.; and for the Prize No. 84 in January, 1896.

DATES FOR SENDING IN APPLICATIONS.

Candidates for the Bursaries Nos. 1 to 65 inclusive and No. 73 are required to give in their names to the Assistant Clerk (Matriculation Office), not later than Thursday, 12th September; and for Bursaries Nos. 66 to 70, not later than Wednesday, 25th September. A schedule, which is to be filled up by each candidate, may be obtained from the Assistant Clerk (Matriculation Office). Candidates for the Bursary No. 32 must, besides, give in their names to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September; for No. 36, to Mr. Patrick Keith, Writer, Hamilton; for No. 37, to Mr. Robert Brodie, 77 St. Vincent Street, before the first day of September; for Nos. 38 to 45, to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September; for Nos. 46 and 47, to Mr. William Jenkins, Writer, Denny, before the first day of September; for Nos. 50 to 53, to Mr. William Mitchell, 134 Wellington Street, before the first day of September; and for No. 61, to Messrs. Hill & Hoggan, 194 Ingram Street, before the first day of September.

Candidates for the Fellowships, etc., Nos. 74 to 82 inclusive, are required to give in their names to the Assistant Clerk (Matriculation Office), not later than 25th September; for No. 83 candidates are expected to inscribe their names in a book kept at the Clerk of Senate's Office for the purpose, not later than the 1st December, 1895; and for No. 84 candidates are required to send their names to the Assistant Clerk (Matriculation Office), before 1st December, 1895.

B.—FACULTY OF SCIENCE.

Open to Competition during Session 1895-96.

1. *Malcolm M'Ewen Bursary*—see No. 7 under Faculty of Arts.

2. *Shipwrights' Company's*, value £25, tenable for one year, for students of Naval Architecture.

3. *Lorimer Bursary in Mathematics*—see No. 65 under Faculty of Arts.

4. *George A. Clark Scholarship in Mathematics*—see No. 78 under Faculty of Arts.

5 and 6. *Two Breadalbane Scholarships*—see Nos. 81 and 82 under Faculty of Arts.

7 and 8. *Two Metcalfe Bursaries* each of annual value £25, tenable for two years. Open to students entering the class of Chemistry or of Intermediate Honours Mathematics.

9. *Lloyd's Register Scholarship*, annual value £50, tenable for three years. Open to Candidates intending to become students of Naval Architecture, whose age does not exceed 23 years.

10. *Malcolm Kerr Bursary*—see No. 69 under Faculty of Arts.

11 and 12. *Muir Bursaries in Mathematics*—see Nos. 71 and 72 under Faculty of Arts.

13 and 14. *Two Muir Bursaries in Civil Engineering and Mechanics*, each of annual value £12 10s., tenable for session 1896-97.

The Examinations for Bursaries Nos. 1 and 2 will be held at the same time as the Arts and Science Preliminary Examinations in October, 1895; for No. 3 on Thursday, 3rd October, at 9 a.m. and 12 noon; for Nos. 4 to 9 on Friday, 11th October, and Saturday, 12th October, at 10 a.m. on each day; and for No. 10 on Saturday, 12th October, at 10 a.m., and 2 p.m.

Names of Competitors to be given in to the Assistant Clerk (Matriculation Office), for Nos. 1 to 3 on 12th September, and for Nos. 4 to 10 on 25th September.

For the Robert Donaldson Scholarship, 1851 Exhibition Science Scholarships, the Dobbie Smith Gold Medal, George Harvey Prize, Kirk Memorial Prize, and the Walker Prizes, see pages 278, 281, 297, 299, 300, and 302 respectively.

C.—FACULTY OF DIVINITY.

Open to Competition during Session 1895-96.

1 and 2. *Two John Adam Bursaries*, annual value £15 each, tenable for four years. Open to students of Theology of the first year.

3. *Brown or Ettles Bursary*, annual value £21, tenable for three years. Open to students of Theology of the first year who have passed all the examinations for graduation in Arts, with a preference, *cœteris paribus*, to such as can speak Gaelic.

4. *Hastie Bursary*, annual value £25, tenable for three years. Open to competition to all students who are Masters of Arts or who have passed all the examinations necessary for Graduation in Arts, and who are entering upon their first year in Divinity.

5. *Lorimer Bursary*, annual value £25, tenable for three years. Open to students entering the Divinity Hall.

6. *William Muir Divinity Bursary*, annual value £25, tenable for two years. Open to candidates who have passed the examination of the Synodical Board for entrance to the Divinity Hall of the University. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, not later than 20th October.

7. *Black Theological Fellowship*, annual value £147 or thereby, tenable for one year. Open to Masters of Arts from any of the Universities of Scotland who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March, 1896.

8. *The Findlater Scholarship Prize*, value about £38 sterling, for examination in the subjects for the Degree of B.D. Open to students who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March, 1896.

9. *The Jamieson Prize*, value about £10 sterling, for examination in the subjects for the Degree of B.D. Open to students who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March, 1896.

10. *The Macfarlan and Cook Testimonial Prize*, of £21, open to Theological students of three years' standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

11 and 12. *Two Dowanhill Prizes*, one of £21, and the other of £10 10s., for Elocution. Open to students of Divinity of the third year.

Dates and Subjects of Examinations.

The Examinations for Nos. 1 to 6 inclusive, in the above list, will be held on Wednesday, 30th October, and Thursday, 31st October, at 10 a.m. each day; and for Nos. 7 to 9 on Wednesday, 30th October, Thursday, 31st October, Thursday, 26th March, and Friday, 27th March, at 10 a.m. each day.

The following are the subjects of examination for Bursaries Nos. 1 to 6:—

Latin.—Tacitus, *Agricola;* Virgil, *Aeneid*, Book VI. Translation from English into Latin.

Greek.—Plato, *Euthyphro*. The Epistle to the Galatians.

Logic.—Jevons, *Elementary Lessons in Logic*.

Moral Philosophy.—Sidgwick, *Outlines of the History of Ethics*—Introduction and Chapters I. and IV.

English.—Morley, *First Sketch of English Literature*, Chapter VIII. A short essay will be prescribed.

Mathematics.—Euclid, Books I., II., III. Algebra, to Quadratic Equations, inclusive.

Natural Philosophy.—Balfour Stewart, *Elementary Physics*, Books I., II., and VI.

The subjects of examination for Nos. 7, 8, and 9 are the same as for the Degree of Bachelor of Divinity.

The subjects of examination for the Prize No. 10 for Session 1895-96 are as follows:—

Greek.—Matthew iv. 17–xvi. 12. Euripides, *Bacchae*.

Divinity.—Doctrine of the Trinity; Subjective Soteriology. Biblical Theology.—Synoptic Gospels.

Hebrew.—Second Book of Samuel (Text and Exegesis); Jeremiah, i.–xx. and Psalms xc.–cvi. (Text, Exegesis, and Introduction).

Church History.—The German and Swiss Reformations.

Moral Philosophy.—Ferrier, *Lectures on Greek Philosophy*.

Dates for sending in Applications.

Candidates for Nos. 1 to 9 inclusive are required to give in their names to the Assistant-Clerk (Matriculation Office), not later than 25th October, 1895; for the Prize No. 10, to the Professor of Divinity not later than 15th November, 1895; and for the Prizes Nos. 11 and 12, to the Professor of Divinity, not later than 20th March, 1896.

For the Armagh and the James Ferguson Bursaries, also tenable by students of Divinity, see Nos. 76 and 68 under Faculty of Arts.

For the Travelling Scholarship in Bible Lands, see p. 292.

D.—FACULTY OF LAW.

Andrew Cunninghame Scholarship, annual value about £32, tenable for two years, will be awarded in November, 1895, to the most distinguished Bachelor of Laws of the year, special consideration being given to eminence in Scots Law.

For the William Whyte, the Armagh, the James Ferguson, and the Macdonald Bursaries, also tenable by students of Law, see Nos. 61, 76, 68, and 73 under Faculty of Arts.

E.—FACULTY OF MEDICINE.

1. *Mackintosh Bursary*, annual value about £30, tenable for one year, open to medical students who have attended the Lectures on Insanity.

2. *Glasgow Highland Society Bursary*, annual value £25, tenable for four years, for students of Highland descent. Apply to Mr. R. Hope Robertson, 58 St. Vincent Street.

3. *Merchants' House Bursary*, annual value £25, tenable for four years, open to students entering on their first winter session of medical study. Apply to W. H. Hill, Esq., LL.D., Merchants' House, 7 West George Street, on or before 1st September, 1895.

4. *Arthur Bursary*, annual value £25, tenable for three years, open to Queen Margaret College medical students entering on their second session.

5. *Lorimer Bursary*, annual value £25, tenable for three years, open to medical students entering on their second session.

6. *Rainy Bursary*, annual value £20, tenable for two years, open to students entering on their third session of medical study.

7 and 8. *Two James A. Paterson Bursaries*, annual value £30 and £15 respectively, tenable for four years, open to students entering on their second session of medical study. Examination in Mathematics and Natural Philosophy.

9. *Davidson Bursary*, annual value £40, tenable for three years. Awarded in accordance with results of First Professional Examination, but preference being given to Founder's relatives, and to natives of Muirkirk, Dalserf, Lesmahagow, or London.

10. *John Monteith Bursary*, annual value about £21, tenable for two years, will be awarded in November to the student who gains the highest number of marks in Anatomy and Physiology in April and October, 1895.

11. *Andrew Weir Bursary*, annual value £18, tenable for one year, will be awarded in November in accordance with results of Second and Third Professional Examinations.

12. *Junior Arnott Prize*, of about £15, for an examination in General Physics, open to students of the first and second years of their medical studies.

13. *Senior Arnott Prize*, of £25, for an examination in Physiological Physics, open to students of the third and fourth years of their medical studies.

14. *Brunton Memorial Prize*, of about £10, is given to the most distinguished graduate in Medicine of the year.

Dates of Examinations.

The Examinations for the Bursary No. 1 in the above list will be held in June; for No. 2 at the same time as the Medical Preliminary, and for No. 3 at the same time as the Arts and Science Preliminary; for Nos. 4 to 6, on Monday and Tuesday, 7th and 8th October, at ten A.M. each day; for Nos. 7 and 8, on Friday and Saturday, 11th and 12th October, at ten A.M. each day; and for the Prizes Nos. 12 and 13, on Saturday, 12th October, at two P.M.

Dates for sending in Applications.

Candidates for the Bursary No. 1 are required to give in their names to the Assistant-Clerk (Matriculation Office), not later than 1st June; for Bursaries Nos. 2 to 6, not later than 12th September; for Bursaries Nos. 7 and 8, and for Prizes 12 and 13, not later than 25th September.

For the William Whyte, the Armagh, the James Ferguson, and the Macdonald Bursaries, also tenable by students of Medicine, see Nos. 61, 76, 68 and 73 under Faculty of Arts.

For the Dill Prize, see p. 297.

5.—*UNIVERSITY PRIZE ESSAYS.*

For Session 1895-96.

1. In Mental Philosophy, the University Silver Medal, for the Best Essay on "Realism in Art and Literature." All Students of the Classes of Logic, Moral Philosophy, or English Literature, in Session 1894-95 or 1895-96, may be Competitors.

2. The Gartmore Gold Medal, for the Best Essay on "The Relations of a Member of Parliament to his Constituents and to his Party." All Matriculated Students of the University in Session 1895-96 may be Competitors. The successful candidate will be required to furnish a second copy of the Essay.

3. A Coulter Prize of Five Pounds, for the Best Essay on "Individualism in Greek and Modern Philosophy."

4. A Coulter Prize of Five Pounds, for the Best Latin Essay on the following subject:—"Nam cunctas nationes et urbes populus aut primores aut singuli regunt: delecta ex iis et consociata reipublicae forma laudari facilius quam evenire, vel si evenit, haud diuturna esse potest."—Tac. *Ann.* IV., 33.

For the Coulter Prizes all Matriculated Students of the University in Session 1895-96 may be Competitors.

5. The Henderson Prize of Twenty Guineas, for the Best Essay on "English and Scottish Legislation on the Sabbath." All Matriculated Students of the University in Session 1895-96 may be Competitors.

6. The Dobbie-Smith Gold Medal, for the Best Essay on any Subject within the limits of the Science of Botany. The treatment of the subject to show original work, and the Essay to be accompanied by an illustrative series of Macroscopic and Microscopic Specimens. All Matriculated Students of Session 1895-96, or of the preceding Summer Session, may be Competitors.

The Essays must be given in to the Principal on or before Thursday, 14th November, 1895, after which day none can be received. Each must be distinguished by Two Mottoes, and accompanied by a sealed letter bearing on the outside the same Mottoes, and containing a declaration subscribed by the author that the Essay is entirely of his own composition. All quotations in the Essays must be carefully marked and accurate references to their respective authorities given in the notes. The Senate reserves the power of withholding the Prize for any subject, if none of the Essays on that subject reaches a sufficiently high standard of merit.

EWING GOLD MEDAL IN SESSION 1896-97.

The subject for the Essay in the Competition for the Ewing Gold Medal, open to Matriculated Students in Session 1896-97, will be:—"The Causes of the Failure of the French in India in the Eighteenth Century."

X.—HONOUR LIST.

LIST OF NAMES OF GENTLEMEN WHO HAVE TAKEN DEGREES WITH HONOURS SINCE THE YEAR 1836.

MASTERS OF ARTS (M.A.)

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natura. Science
1836	John Cunningham,	Scotland,	...	...	I	...
,,	William Fulton,	do.,	II	II	..	...
1837	Richard Shaen,	England,	...	...	II	...
,,	Thomas E. Richardson,	do.,	...	...	II	...
,,	John Blair,	Ireland,	...	...	II	...
,,	William Cuthel,	Scotland,	...	...	II	...
1840	Duncan H. Weir,	do.,	...	...	II	...
,,	James Thomson,	do.,	...	...	II	...
,,	John Buchanan,	do.,	...	...	II	...
1841	John D. Morell,	England,	II	II	...	...
,,	William Arthur Jones,	Wales,	II	II	...	...
1842	Alexander Grierson,	Scotland,	...	...	II	...
,,	John Davies,	England,	II	II	...	...
1843	Nathaniel Haycroft,	do.,	II	II	...	...
,,	John Trafford,	do.,	II	II	...	...
,,	David Duff,	Scotland,	...	...	II	...
1844	John Morgan,	do.,	...	...	II	...
,,	John Thomson,	do.,	...	...	II	...
,,	William T. Ker,	do.,	...	...	II	...
,,	Richard Tomlinson,	England.	II	II	...	...
,,	David M'Lauchlan,	Scotland,	II	II	...	...
1846	Robert Graham,	do.,	...	...	II	...
1847	William John Steele,	Ireland,	...	...	II	...
,,	James Porter,	do.,	...	...	II	...
1848	Adam Milroy,	Scotland.	II	II	...	...
,,	Walter D. Jeremy,	England,	II	II	...	...
1849	John Ker,	Scotland,	...	...	I	...
,,	George M'Queen,	do.,	...	...	I	...
,,	Henry Martyn Barker,	England,	I	I	...	...
,,	John Newton Langley,	do.,	I	I	...	...
1850	Alexander Walker,	Scotland,	II	II	...	...
,,	Horatio Lindsay Taplin,	England,	II	II	...	...
,,	Robt. Masters Theobald,	do.,	II	II	...	..
1851	Carstairs Douglas,	Scotland,		...	II	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1851	Daniel Davies Jeremy,	England,	II	II	...	...
1852	Thomas Logan,	Scotland,	...	...	II	..
,,	James Wylie Johnston,	do.,	II	II	...	...
1853	Chas. Abercromby Smith,	do.,	...	...	I	...
,,	William Jack,	do.,	...	...	I	...
,,	Edward Gibbs,	England,	I	I	...	...
1856	James Galbraith,	Scotland,	...	...	II	...
,,	John Murray,	do.,	...	...	II	...
1857	Joseph D. Everett,	England,	II	II	I	...
,,	George M. Grant,	Nova Scotia,	...	I	...	...
,,	David Herbert,	Scotland,	...	II	...	...
,,	Neil M'Pherson,	do.,	II	II	...	...
1858	William R. Pattison,	do.,	II	II	...	...
,,	John Weir,	do.,	...	II	...	...
1859	Robert Whyte,	do.,	...	II	...	...
1860	George Porter,	do.,	II	II	...	...
,,	Joseph Gardner,	do.,	...	II	...	...
,,	Walter Roberts,	do.,	...	II	...	...
1861	Richard Vary Campbell,	do.,	...	I	...	...
,,	Daniel Munro,	do.,	II	...	...	...
,,	Peter Sinclair Menzies,	do.,	II	...	..	...
1862	John M'Lean,	do.,	II	II	...	...
,,	Thomas Carruthers	do.,	II	II	...	...
,,	William Stewart,	do.,	II	II	...	...
,,	George Mathieson,	do.,	...	II	...	...
,,	Henry W. Bell,	India,	...	II	...	...
,,	John Ferguson,	Scotland,	...	...	...	I
1863	David Thomas,	do.,	...	II	...	...
1866	John Mann,	do.,	I	...	...	...
,,	John Fergusson,	do.,	...	II	...	...
1867	William E. Grigsby,	England,	II	...	...	...
,,	James Smith,	Scotland,	...	...	I	...
,,	William Ross,	do.,	...	...	II	...
1868	Robert Stewart,	do.,	...	I	...	...
,,	John Wilson,	do.,	...	I	...	...
1869	Favour James Greg,	do.,	...	I	..	...
,,	Adam Semple,	do.,	...	I	...	...
,,	Joseph Loudon,	do.,	...	...	II	...
,,	James M'Intosh,	do.,	...	I	...	...
1870	John Cross,	U. S. A.,	I	I	...	...
,,	Matthew M. Dickie,	England,	II	I	...	...
,,	James Orr,	Scotland,	...	I	...	...
,,	Robert A. Sinclair.	do.,	...	II	...	...
,,	James D. H. Dickson,	do.,	...	...	II	...
,,	Dugald M'Kichan,	do.,	...	...	II	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1871	William S. Fleck,	Scotland,	...	I	...	...
,,	William Oliver,	Wales,	...	II	...	...
,,	John E. H. Thomson,	Scotland,	...	II	...	...
,,	Colin R. M'Clymont,	do.,	...	I	...	...
,,	Charles S. Dickson,	do.,	...	II	II	...
1872	William Hamilton,	do.,	...	I	...	...
,,	John Watson,	do.,	...	I	...	...
,,	Zachary M. H. Ross,	do.,	...	II	...	...
,,	Archibald Russell,	do.,	...	II	...	...
,,	William G. Miller,	do.,	...	...	II	...
,,	John M. Brown,	do.,	...	I	...	...
,,	Alexander S. Macphee,	do.,	...	I	...	...
,,	James C. MacTaggart,	do.,	...	...	I	...
,,	James Henderson,	do.,	...	...	II	...
1873	William Bathgate,	do.,	I	...	...	...
,,	John M'Cunn,	do.,	...	I	...	..
,,	T. Lindsay Galloway,	do.,	...	...	I	...
,,	David Hunter,	do.,	II	I	...	...
,,	Robert Harvey,	do.,	I	...	...	...
,,	Thomas H. Miller,	do.,	...	...	I	...
,,	Buchanan Blake,	do.,	...	II	...	...
,,	James Arthur,	do.,	...	...	II	...
1874	James Bonar,	do.,	I	I	...	...
,,	James G. Frazer,	do.,	I	...	...	...
,,	Alexander F. Fraser,	do.,	...	I	...	...
,,	John Wilson Reid,	do.,	I	...	II	...
,,	Colin Campbell,	do.,	II	I	...	...
,,	James Thomson,	do.,	...	I	...	...
,,	Hugh Hart Currie,	do.,	II	...	...	...
,,	James MacKay,	do.,	II	...	...	...
1875	Benj'n F. C. Costelloe,	Ireland,	II	I	...	...
,,	William Yuill King,	Scotland,	I	...	...	...
,,	William Patrick,	do.,	...	I	...	...
,,	John Patrick,	do.,	II	...	...	...
,,	James S. Russell,	do.,	...	...	I	...
,,	John C. Watt,	do.,	...	...	I	...
,,	John B. Douglas,	England,	II	...	...	...
,,	Neil D. MacLachlan,	Scotland,	...	II	...	...
,,	James Johnston Dobbie,	do.,	...	...	...	I
1876	James Lambie,	do.,	...	I	. .	...
,,	Ebenezer B. Speirs,	do.,	...	I	...	...
,,	Islay F. Burns,	do.,	II	...	...	...
,,	Robert MacLehose,	do.,	...	II	...	...
,,	Joseph Conn,	do.,	...	...	II	...
,,	Robert H. Pinkerton,	do.,	...	...	II	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1876	David Wilson,	Scotland,	...	...	II	...
,,	John P. Mitchell,	do.,	...	I	..	...
,,	William M. Rankin,	do.,	...	I	...	...
,,	Andrew Gray,	do.,	...	...	II	...
1877	Wallace M. Lindsay,	do.,	I	II	...	...
,,	Alexander S. Wilson,	do.,	...	...	...	I
,,	James Kidd.	do.,	...	I	...	...
,,	Thomas B. Kilpatrick,	do.,	...	I	...	...
,,	Mungo W. M'Callum,	do.,	...	II	...	...
,,	William Allan,	do.,	...	...	II	...
,,	James Arthur,	do.,	...	...	II	...
1878	Robert Mackintosh,	do.,	II	I	...	...
,,	John Edgar,	do.,	I	...	...	...
,,	John M. Dodds,	do.,	...	...	I	...
,,	David W. Forrest,	do.,	...	II	...	...
,,	Alexander Isdale,	do.,	...	I	...	...
,,	Lewis A. Muirhead,	do.,	...	I	...	...
,,	James Wilson,	do.,	II	...	II	...
1879	John Wilson Marshall,	do.,	I	II	...	...
,,	Francis Wm. Clark,	do.,	II	II	...	...
,,	Henry Jones,	Wales,	...	I	...	...
,,	William T. Bankhead,	Scotland,	...	II	...	...
,,	Andrew Rutherfurd,	do.,	...	II	...	...
,,	James Thomson,	Ireland,	...	...	II	...
,,	James Denney,	Scotland,	I	I	...	...
,,	James Kippen Duff,	do.,	I	...	...	...
,,	Robt. Tannahill Younger,	do.,	..	II	...	...
,,	William L. Macindoe,	do.,	...	...	II	...
1880	Alexander Gregory,	do.,	II	...	...	...
,,	Thomas Gregory,	do.,	I	I	I	...
,,	Alexander N. Cumming,	do.,	II	II	...	...
,,	Hugh Young Reyburn,	do.,	II	II	...	...
,,	John G. A. Dow,	do.,	II	..	...	...
,,	John Henderson,	do.,	...	II	...	...
1881	Cecil J. Swan,	do.,	II	...	...	...
,,	Francis H. Stead,	England,	II	I	...	...
,,	David S. Adam,	Scotland,	...	I	...	...
,,	William Granger,	do.,	..	I	...	...
,,	Robt. F. Muirhead, B.Sc.,	do.,	...	...	I	...
,,	Alexander Russell,	do.,	...	...	I	...
,,	Patrick H. Aitken,	do.,	II	...	...	...
,,	Alexander Anderson,	do.,	II	...	...	...
,,	Robert T. Loudon,	do.,	...	II	...	...
,,	Robert Veitch,	England,	...	II	...	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1881	James Maclay,	Scotland,	...	...	II	...
,,	John Stuart.	do.,	...	...	II	...
,,	James Hamilton,	do.,	...	...	II	...
1882	James A. M'Callum,	do.,	...	I	...	...
,,	John H. Fullarton,	do.,	...	...	...	I
,,	Charles P. Blair,	do.,	...	II	...	...
,,	James M. Dodds,	do.,	I	...	...	...
,,	John S. MacKenzie,	do.,	...	I	...	...
,,	William Smart,	do.,	...	I	...	...
,,	John Weir,	do.,	...	...	I	...
,,	John Gray,	do.,	...	II	...	...
,,	Charles Steele,	do.,	...	II	...	...
1883	John Aitken Orr,	do.,	...	I	...	..
,,	Alexander Robinson,	do.,	...	II	...	...
,,	Lewis Hughes,	Wales,	...	II	...	...
,,	Francis Anderson,	Scotland,	...	I	...	...
,,	Wm. S. M'Kechnie,	do.,	...	I	...	...
,,	William Muir,	do.,	...	I	...	...
,,	James W. Inglis,	do.,	II	...	...	...
,,	Patrick H. Hutchinson,	Ireland,	II	...	...	...
,,	Robert A. Moody,	Scotland,	II	...	...	...
,,	William T. Mitchell,	do.,	...	...	II	...
1884	Andrew A. Mitchell,	do.,	I	..	...	...
,,	James M'Millan,	do.,	I	...	...	...
,,	Archd. S. Laidlaw,	do.,	...	I	...	...
,,	John Mack,	do.,	...	...	I	...
,,	William Clark,	do.,	II	...	...	..
,,	John Struthers,	do.,	II	I	...	...
,,	Archibald M'Laren,	do.,	I	...	...	...
,,	John Adams,	do.,	...	I	...	...
,,	James Barr,	do.,	...	I	...	...
,,	Gavin Lambie,	do.,	...	I	...	...
,,	Robert M. Wenley,	do.,	...	I	...	...
,,	George G. Henderson,	do.,	...	...	...	I
,,	Campbell N. Moody,	do.,	II	II	...	...
,,	Hugh Stevenson,	do.,	...	II	...	...
,,	James Strachan,	do.,	...	...	II	...
,,	Alex. B. Symington,	do.,	II	...	...	...
1885	John Lee,	do.,	I	...	...	...
,,	James Buchanan,	do.,	...	...	I	...
,,	Norman Fraser,	do.,	...	...	I	...
,,	James P. M'Laren,	do.,	II	...	...	...
,,	William Binnie,	do.,	...	II	...	. .
,,	David Frew,	do.,	...	II	...	...
,,	Richard Glaister,	do.,	...	II	...	...
,,	David Houston,	do.,	...	II	...	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1885	Walter Wingate,	Scotland,	...		II	...
,,	William M. Mackay,	do.,	...	I	...	...
,,	Andrew F. Smith,	do.,	..	I	...	...
,,	Alex. L. Watson,	do.,	II	...	...	...
,,	Archibald J. Macnicol,	do.,	...	...	II	...
1886	Charles F. Fleming,	England,	...	I	...	...
,,	Wellstood A. Watt,	Scotland,	...	I	...	...
,,	John Dougall,	do.,	...	...	I	...
,,	John M'Cowan, B.Sc.,	do.,	...	...	I	...
,,	William H. Carslaw,	do.,	...	...	II	...
,,	Magnus M'Lean,	do.,	...	...	II	...
,,	John A. Cramb,	do.,	I	...	...	...
,,	Robert A. Duff,	do.,	...	I	...	...
,,	William Johnston,	do.,	...	II	...	...
,,	James Macmillan,	do.,	...	...	II	...
,,	Robert A. Nicolson,	do.,	...	...	II	...
1887	James Finlayson,	do.,	...	...	II	...
,,	James Gifford,	do.,	...	II	...	...
,,	Charles Mackay Gordon,	W. Indies	...	I	...	...
,,	David Smith,	Scotland,	I	...	...	...
,,	John Watson Bryson,	do.,	...	I	...	...
,,	Robert Gardner,	do.,	...	II	...	...
,,	James Gilfillan,	do.,	...	I	...	...
,,	Daniel Kirkwood,	do.,	...	II	...	...
,,	Alexander Lucas Taylor,	do.,	II	...	...	...
,,	John Thomson,	do.,	...	...	II	...
1888	John Esslemont Adams,	do.,	II	...	...	...
,,	Archibald Lamont,	do.,	...	II	...	...
,,	Arthur David Millar,	do.,	I	...	...	...
,,	John Dickson Sinclair,	do.,	...	II	...	...
,,	Evan Keri Evans,	Wales,	...	I	...	...
,,	Robert Kennedy, B.Sc.,	Scotland,	...	...	...	I
,,	John Liddle King,	do.,	...	II	...	...
,,	Malcolm Macnicol,	do.,	...	...	II	...
,,	Ernest Findlay Scott,	England,	I	I	...	...
,,	Robert Scrymgeour,	Scotland,	...	I	...	...
,,	Robert Reid Strachan,	do.,	...	II	...	...
,,	John Cunningham Walker,	do.,	...	II	...	..
1889	Norman de Garis Davies,	England,	...	II	...	...
,,	George Davidson Kempt,	Scotland,	...	II	...	...
,,	Alfred Ernest Garvie,	Poland,	...	I	...	...
,,	John Hunter Harley,	Scotland,	...	I	...	...
,,	John Brownlee,	do.,	...	...	I	...
1890	James Fairlie Gemmill,	do.,	I	...	...	...
,,	John Edgar M'Fadyen,	do.,	I	...	...	...
,,	James Robertson Cameron,	do.,		I	...	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1890	James Moffatt,	Scotland,	II	...	...	...
,,	James Peter Wilson,	do.,	II	...	...	...
,,	John Easton Black,	do.,	...	II	...	...
,,	George Douglas Brown,	do.,	I	...	...	...
,,	Robert Bulloch Douglas,	do.,	...	I	...	...
,,	Peter Pinkerton,	do.,	...	...	I	...
,,	Douglas Blyth Binning,	do.,	...	II	...	...
,,	Robert Baillie Douglas,	do.,	...	II	...	...
,,	James Hair Maclean,	do.,	...	II	...	...
,,	Gilbert Buchanan,	do.,	...	...	II	...
,,	Alexander Holm,	do.,	...	...	II	...
1891	John Hamilton Pagan,	do.,	I	...	...	...
,,	John Gillies,	do.,	II	...	...	..
,,	John M'Gilchrist,	do.,	II	...	...	..
,,	Horatio Scott Carslaw,	do.,	...	..	I	...
,,	James Holm,	do.,	...	...	I	...
,,	Nicol Macnicol,	do.,	II	II	...	...
,,	John White,	do.,	...	II	...	...
1892	David Donaldson Robertson,	do.,	...	I	...	...
,,	Daniel Lamont,	do.,	...	II	I	...
,,	John Gillespie Spens,	do.,	II	...	...	...
,,	Alexander Taylor,	do.,	II	...	...	...
,,	Walter Stewart,	do.,	...	..	I	...
1893	Donald Nicol Dow,	do.,	I	...	...	...
,,	Gilchrist Gibb Alexander,	do.,	...	I	...	...
,,	Robert Stevenson Horne,	do.,	...	I	...	...
,,	Wm. Sandilands Templeton,	do.,	...	...	I	...
,,	Wm. Carrick Anderson,	do.,	...	...	...	I
,,	Edward H. Wallace,	do.,	II	...	II	...
1894	Campbell M. Macleroy,	do.,	I	...	...	...
,,	Robert George Nisbet,	do.,	II	...	...	...
,,	Andrew Robertson,	do.,	II	...	...	...
,,	Henry Noel Brailsford,	England,	II	I	...	...
,,	John Charles Scott,	Ireland,	I	...	...	...
,,	Charles Wm. Thomson,	Scotland,	I	...	...	...
,,	Wm. Romaine Paterson,	do.,	...	I	...	...
,,	Charles Shirra Dougall,	do.,	...	...	I	...
,,	William Craig Henderson,	do.,	...	...	I	..
,,	John Macfarlane Forsyth,	do.,	II	...	...	...
1895	William Gregory Bell,	England,	I	...	...	...
,,	William Gow,	Scotland,	I	.	...	...
,,	Joseph Ferguson M'Fadyen,	do.,	I	...	...	...
,,	Gavin Lang Pagan,	do.,	...	I	...	...
,,	James Wallace Peck,	do.,	...	...	I	...

BACHELORS OF SCIENCE (B.Sc.).

			Honours.	
			Natural Science.	Engineering Science.
1879	Robert F. Muirhead, C.E.,	Scot.,		Math. & Nat. Phil. II
1882	John Cleland, C.E.,	Scotland,		Math. & Nat. Phil. II
1883	John M'Cowan, C.E.,	do.,		Math. & Nat. Phil. II
1884	William Weir,	do.,		Math. & Nat. Phil. II
,,	James C. Todd,	India,	Math. & Nat. Phil. II	
1886	Laurence Crawford,	Scotland,		Math. & Nat. Phil. I
1887	Angus M'Lean,	do.,		Math. & Nat. Phil. II
1890	James Stanley Muir,	Scotland,	Chemistry.	
,,	Robert Watson Smith,	do.,	Chemistry.	
1891	James Fenwick,	Australia,		Civil Engineering.
,,	Robert Main,	Scotland,	Chemistry.	
,,	Robert Muir Ferrier,	do.,		Civil Engineering.
1892	John Dewar Cormack,	do.,		Math. & Nat. Phil. I Civil Engineering.
,,	James Blacklock Henderson,	do.,		Math. & Nat. Phil. I Civil Engineering.
,,	James Rankin,	do.,	Zoology and Botany.	
,,	William S. Cook,	do.,	Physiology.	
,,	David R. Boyd,	do.,	Chemistry.	
1893	James C. Robertson, M.A.,	do.,	Anat. and Physiol.	
1894	Charles Forbes,	do.,		Civil Engineering.
,,	Wm. Henry Lang,	England,	Botany and Zoology.	
,,	George Wm. Shearer,	Ireland,		Civil Engineering.
1895	Wm. Craig Henderson,	Scotland,		Math. and Nat. Phil.
,,	Hugh Calderwood,	do.,	Anat. and Physiol.	
,,	John Allan Craigie Macewen,	do.,	Anat. and Physiol.	
,,	William Hamilton,	do.,		Civil Engineering.
,,	Campbell Macmillan,	do.,		Civil Engineering.

DOCTORS OF MEDICINE (M.D.). (*O.R.*) HONOURS.

1845	Alexander Lindsay,	Scotland.
,,	James Craigie Murray,	do.
,,	Francis Reynolds,	Ireland.
,,	John Brown,	Scotland.
,,	John Gardiner,	do.
,,	Donald Cameron,	Isle of Man.
,,	Adam Nicholson,	Scotland.
,,	John Duke,	Ireland.
1847	William Parry,	Wales.
,,	Robert Livingstone,	Scotland.
,,	Alexander B. Sharpe,	Scotland.
1848	Charles H. Hitchen,	England.
,,	James Steven,	Scotland.
,,	John Coates,	Ireland.
1849	Robt. Brown M'Clelland,	Ireland.
,,	Thomas Nicholson,	Scotland.
,,	Robert Settle,	England.
,,	Richard Thomas Tracy,	Ireland.
,,	Matthew John Rae,	Scotland.
1850	John Ternan,	Ireland.
,,	John Henry Eddowes,	England.
,,	James Brash,	Scotland.

1851	Alexander Marshall,	Scotland.
,,	Andrew Spearing,	Ireland.
,,	James B. Montgomery,	England.
,,	Robert Perry,	Scotland.
,,	John Watson, B.A.,	do.
1853	John Ritchie Brown,	do.
,,	Charles D. Campbell,	Ireland.
1853	Richard Stanistreet,	Ireland.
,,	David Knox,	do.
1854	John Lindsay Stewart,	Scotland.
,,	James Fraser Paton,	do.
,,	David Easton,	Ireland.
1855	William Leishman,	Scotland.
,,	William J. Lewis,	New Brunswick.
,,	Alexander Robertson,	Scotland.
1857	Thomas Beaumont,	Ireland.
,,	Joseph M. Fleming,	Scotland.
,,	Maxwell Rodgers,	Ireland.
1858	John Couper,	Scotland.
,,	Thomas M'Call Anderson,	do.
1859	Daniel Dougal,	do.
1861	William Marshall,	America.
,,	John M. Murray,	Scotland.
1862	James A. Allan,	do.
1863	Robert M'K. Duncan,	do.
,,	George M'Donald,	do.
,,	Samuel J. Moore,	Ireland.
,,	William Fraser,	Nova Scotia.
,,	T. Algernon Chapman,	Scotland.
,,	Algernon Wood Smith,	do.
,,	John P. Atkinson,	England.
1864	John Wyber,	Scotland.
,,	J. G. Wilson, M.A.,	do.
1865	Arthur A. Jamieson,	England.
1867	Fred. H. Quaife, M.A.	Sydney, N.S.W.

DOCTORS OF MEDICINE (M.D.). (*N.R.*)

Commended for Thesis.

1876 Gardner, William, M.B., England.

1877 Turner, William Y., M.B., Scotland. Thesis, "The Ethnology of the Motu."

1879 Fleming, William James, M.B., Scotland. Thesis, "The Dicrotic Notch in Pulse Tracings."

1880 Oliver, Thomas, M.B., Scotland. Thesis, "Heredity viewed in its relation to Responsibility."

1880 Bryce, James, M.B., Scotland. Thesis, "That Mankind originated as a Common Family—most probably on a Continent in the Indian Ocean—certainly within the Tropics."

1881 Adams, James Alexander, M.B., Scotland. Thesis, "Anatomical Relation between Abscess of Brain and Aural Disease."

1881 Stewart, Alexander, M.B., Scotland. Thesis, "History of a Personal Attack of Typhoid Fever."

1881 Drummond, James, M.B., Scotland. Thesis, "Sea Sickness: its Etiology, Symptoms, and Treatment."

1881 Macphail, Donald, M.B., Scotland. Thesis, "Chemical Investigations on the Degenerative Changes in Diseased Bone."

1882 Cairns, David, M.B. Thesis, "An Outbreak of Pyæmia."

1882 Adam, Thomas Bate, M.B., Scotland. Thesis, "The Pathology and Etiology of Elephantoid Disease."

1882 Rankin, Guthrie, M.B., Scotland. Thesis, "Puerperal Fever."

1883 Inglis, David Wood, M.A., M.B., Scotland. Thesis, "On the Prevention of Lead Poisoning among Workers in White Lead Factories."

1883 Newman, David, M.B., Scotland. Thesis, "Displacements of the Kidney."

1884 Lawrie, J. Macpherson, M.B., Scotland. Thesis, "On some Symptoms of Locomotor Ataxy."

1884 Allan, Robert, M.B., Scotland. Thesis, "Dermoid Cysts."

1884 Middleton, George S., M.A., M.B., Scotland. Thesis, "On the Pathology of Pseudo-Hypertrophic Muscular Paralysis." Highly Commended.

1884 Steven, John Lindsay, M.B., Scotland. Thesis, "The Pathology of Suppurative Inflammations of the Kidneys." Highly Commended.
1885 Mackay, John Yule, M.B., Scotland. Thesis, "The Origin and Development of the Larger Arteries." Highly Commended.
1885 Macvie, William, M.B., Scotland. Thesis, "Atrophic Infantile Paralysis."
1885 Dougal, James, M.B., Scotland. Thesis, "Puerperal Pyrexia."
1886 Lawrie, William John, M.B., Scotland. Thesis, "Pathological Formations of the Skin."
1886 Somerville, William Francis, M.A., B.Sc., M.B., Scotland. Thesis, "Urosemiotic; the Pathological Chemistry of the Urine, the complete Quantitative Analysis of the Urine; a valuable aid to Clinical Diagnosis." Highly Commended.
1886 Stewart, Robert Sloss, M.B., Scotland. Thesis, "Observations on the Spinal Cord in the Insane." Highly Commended.
1886 Rankin, Alexander, M.B., Scotland. Thesis, "Cerebral Cases, with remarks."
1886 Auld, Alexander Gunn, M.B., Scotland. Thesis, "Studies in Materia Medica."
1887 Chalmers, Archibald Kerr, M.B., Scotland. Thesis, "The Temperature Curve of Specific Fevers."
1887 Neilson, Henry John, M.B., Scotland. Thesis, "On the observation of the pupil as a guide in the administration of Chloroform."
1887 Brown, John, M.B., Scotland. Thesis, "Maternal Impressions."
1887 Love, John, M.B., Scotland. Thesis, "Three cases of Cortical Epilepsy considered in relation to the localization of the discharging lesion."
1888 Finlay, David, M.B., Scotland. Thesis, "Clinical Observations on Epileptic Insanity."
1888 Love, James Kerr, M.B., Scotland. Thesis, "The Limits of Hearing."
1888 Macpherson, Charles, M.B., Scotland. Thesis, "Plural Pregnancies."
1888 Wallace, William, M.B., Scotland. Thesis, "The Field of Vision: with special reference to its Anomalies in Diseases of the Nervous System."
1889 Christie, William Walls, M.B., C.M., Scotland. Thesis, "The Outbreak of Febrile Disease in St. Mary's Roman Catholic Industrial Schools, Glasgow, March 1888: its Clinical Features and Nature."
1889 Kelly, James Kellock, M.B., Scotland. Thesis, "Private Obstetric Practice: an analysis of 3000 consecutive cases."
1889 Mackenzie, William James, M.B., India. Thesis, "The effects of the conditions of London Life on the Nervous System: with remarks on the treatment."
1889 Hinshelwood, James, M.A., M.B., Scotland. Thesis, "A Clinical Study of Syphilitic Diseases of the Nervous System."
1890 Anderson, John Alexander, M.B., Scotland. Thesis, "On Tetanus: with a record of six cases."
1890 Bankier, Alexander Milne, M.B., England. Thesis, "Influenza."
1891 Smith, John Macdowal, M.B., Scotland. Thesis, "The Disposal of Sewage and City Refuse."
1891 Rhodes, Hugh, M.B., C.M., England. Thesis, "Koch's Treatment in Phthisis and Lupus." With Honours.
1891 Bannatyne, Gilbert Alexander, M.B., C.M., Scotland. Thesis, "The Treatment of Diphtheria by the Injection of the Erysipelas Albumose."
1891 M'Gregor, Andrew Nicholson, M.B., C.M., Scotland. Thesis, "Some Notes on the Repair of Bone, with special reference to Transplantation and other Artificial Aids."
1891 Ramsay, Andrew Maitland, M.B., C.M., Scotland. Thesis, "Exophthalmic Goitre."
1891 Johnstone, John Carlyle, M.B., C.M., Scotland. Thesis, "Some Notes on the use of Sulphonal."

1892 Highet, Hugh, M.B., C.M., Scotland. Thesis, "The Bronchiopneumonia of Influenza, as it occurs in the Adult Subject."

1892 Park, Alexander Glen, M.B., C.M., Scotland. Thesis, "Defects of Speech."

1893 Lang, Hugh, M.B., C.M., Scotland. Thesis, "Empyema, with Notes on a Series of Cases."

1893 Gillies, Hugh Cameron, M.B., C.M., Scotland. Thesis, "The Theory of Counter-irritation."

1893 Carslaw, John Howie, M.A., M.B., C.M., Scotland. Thesis, "On the severer forms of Scarlet Fever, with special reference to Antipyretic Methods of Treatment." With Honours.

1893 Adam, Robert Hillhouse, M.A., M.B., C.M., Scotland. Thesis, "Observations on some Enteric Fever Epidemics."

1893 Bryce, Alexander, M.B., C.M., Scotland. Thesis, "Sanitation in Dairy Farms in relation to diseases attributable to Cows' Milk."

1893 Dunlop, Alexander Watson, M.A., M.B., C.M., Scotland. Thesis, "A recent Epidemic of Smallpox, with some remarks on Re-Vaccination."

1893 Gemmell, William, M.B., C.M., Scotland. Thesis, "On the Treatment of Phthisis by a long Sea Voyage in a sailing ship."

1893 Watson, William, M.B., C.M., Scotland. Thesis, "The Prevention and Treatment of Diphtheria."

1894 Johnston, John M'Cubbin, M.A., M.B., C.M., Scotland. Thesis, "The Prognosis of Acute Lobar Pneumonia in the Pauper Class."

1894 Jack, William Robert, B.Sc., M.B., C.M., Scotland. Thesis, "Observations on the Analysis of Voluntary Muscular Movements by certain new Instruments." Honours.

1895 Abercrombie, Peter Henderson, M.B., C.M., Scotland. Thesis, "Turbinotomy in Nasal Stenosis: Analysis and Notes of 66 cases."

BACHELORS OF MEDICINE (M.B.). HONOURS.

1866	Robert W. Forrest,	Scotland.
,,	Henry T. Pringle,	do.
1867	Ebenezer Duncan,	do.
,,	Joseph Coats,	do.
,,	James Finlayson,	do.
1868	Thomas Barr,	do.
,,	William MacLachlan,	do.
,,	Angus Macmillan,	do.
1869	James Coats,	do.
1871	David Wilkie,	do.
,,	John Aikman,	do.
1872	John D. Macdonald,	do.
,,	Samson Gemmell,	do.
1876	Geo. S. Middleton, M.A.,	do.
,,	Richard B. Macpherson,	do.
1877	Johan B. Knobel,	Africa.
,,	Donald Macphail,	Scotland.
,,	John Carlyle Johnstone,	do.
,,	Edward D. M. Mackellar,	do.
1878	Alexander Fraser,	do.
,,	James Morton,	Scotland.
,,	William Partington,	do.
,,	Lawrence A. Waddell,	do.
1879	William K. Peden,	Scotland.
,,	Ralph D. Stevenson,	Australia.
1880	Andw. A. Hogarth, M.A.,	Scotland.
,,	J. M'Gregor-Robertson, M.A.,	do.
,,	John Lindsay Steven,	do.
1881	John More Young, M.A.,	do.
1882	Robert Beith,	do.
1883	John Innes Dunlop,	do.
1884	Charles O. Hawthorne,	England.
1886	Alexander Bryce,	Scotland.
,,	Wm. Snodgrass, M.A.,	U.S.A.
,,	John H. Carslaw, M.A.,	Scotland.
1887	William MacLennan,	do.
1891	Hugh Galt,	do.
,,	Robert Currie Robertson, M.A.,	do.
1892	John Morton,	Scotland.
,,	James Carslaw, M.A.,	do.
1894	Alexander MacLennan,	do.
,,	Wm. Stewart Cook, B.Sc.,	do.
,,	Jas. C. Robertson, M.A., B.Sc.,	do.
,,	Jas. Murray Young,	Scotland.
,,	John Francis Robt. Gairdner,	do.
,,	John Wainman Findlay,	do.

BRUNTON MEMORIAL PRIZE OF £10,

Awarded to the most distinguished Graduate in Medicine of the year.

1880. John Lindsay Steven, M.B., C.M.
1881. John More Young, M.A., M.B., C.M.
1882. Robert Beith, M.B., C.M.
1883. John Innes Dunlop, M.B., C.M.,
1884. Charles Oliver Hawthorne, M.B., C.M.
1885. Andrew Wilson, M.B., C.M.
1886. Alexander Bryce, M.B., C.M.
1887. William MacLennan, M.B., C.M.
1888. Landel Rose Oswald, M.B., C.M.
1889. William Robert Jack, B.Sc., M.B., C.M.
1890. George Lamb, M.B., C.M.
1891. Hugh Galt, M.B., C.M.
1892. John Morton, M.B., C.M.
1893. John Johnson Urwin, M.B., C.M.
1894. Alexander MacLennan, M.B., C.M.

THOMAS LOGAN MEDAL AND PRIZE,

Awarded to the most distinguished Graduate in Arts of the year.

1888. Ernest Findlay Scott, M.A.
1889. Alfred Ernest Garvie, M.A.
1890. John Edgar M'Fadyen, M.A.
1891. James Holm, M.A.
1892. Daniel Lamont, M.A.
1893. Gilchrist Gibb Alexander, M.A.
1894. Henry Noel Brailsford, M.A.

XI.—DEGREE AND PRIZE LIST.

LIST OF DEGREES

CONFERRED IN THE VARIOUS FACULTIES AND OF PRIZES AND CERTIFICATES OF HONOUR AWARDED IN THE SEVERAL CLASSES OF THE UNIVERSITY DURING THE YEAR ENDING 1ST MAY, 1895.

DOCTORS OF DIVINITY (D.D.).

Rev. Archibald Alexander Campbell, Minister of the Parish of Crathie.
Rev. James Denney, B.D., Minister of the Free Church, Broughty Ferry.
Rev. Daniel Miner Gordon, B.D., Professor of Systematic Theology in the Presbyterian College, Halifax, Nova Scotia.
Rev. James Kidd, B.D., Minister of Erskine United Presbyterian Church, Glasgow.
Rev. George William Lawes, Missionary in British New Guinea

DOCTORS OF LAWS (LL.D.).

November, 1894.

The Right Hon. Sir John Eldon Gorst, Q.C., M.P., Rector of the University.

April, 1895.

Sir John Neilson Cuthbertson, Chairman of School Board and of Technical College, Glasgow.
James George Frazer, M.A., Fellow of Trinity College, Cambridge.
William Edward Hartpole Lecky, M.A., London.
David Robertson, Millport.
Thomas Edward Thorpe, F.R.S., Somerset House, London, formerly Professor of Chemistry in Anderson's College, Glasgow; Yorkshire College, Leeds; and Royal School of Mines, London.
Laurence Augustine Waddell, M.B., C.M., Surgeon-Major, I.M.S., Bengal.

BACHELORS OF DIVINITY (B.D.).

November, 1894.

Alfred Ernest Garvie, M.A.
Robert Lamond Macnie, M.A.
John Ronald, M.A.

April, 1895.

John Baillie Craig, M.A.
George Gordon Duncan, M.A.
Francis Gilbert Geddes, M.A.
James Hogg Gillespie, M.A.
Charles Whitehead Hutcheson, M.A.
John Mack, M.A.
Donald Macgillivray, M.A.
John Campbell M'Naught, M.A.
Guy Steel Peebles, M.A.
George Alexander Stalker, M.A.
William M'Culloch Steven, M.A.
George Pexall Wallace, M.A.
James Whyte, M.A.

BACHELORS OF LAWS (LL.B.).

November, 1894.

James Crawford Findlay, M.A.
Julius Fisher M'Callum, M.A.
Henry Donald M'Kechnie, M.A.

April, 1895.

Alexander Mitchell Hamilton, M.A.
Joseph Macnaughtan, M.A.
Alexander Taylor, M.A.

BACHELORS OF LAW (B.L.).

November, 1894.

Robert Wilson M'Clure.

April, 1895.

Thomas Tennent Barrie.
Charles William Brown.
Archibald Campbell.
Robert Alexander Doak, M.A.
Archibald Cameron Morrison, M.A.
David Wright Smith, M.A.

DOCTORS OF MEDICINE (M.D.).

July, 1894.

I.—WITH COMMENDATION.

John M'Cubbin Johnston, M.A., M.B., C.M., Scotland. (*Thesis*—"The Prognosis of Acute Lobar Pneumonia in the Pauper Class.")

II.—ORDINARY DEGREE.

James Alexander, M.B., C.M., Scotland. (*Thesis*—"Abnormal Uterine Hæmorrhage, with Notes on Cases.")
George Gore Gillon, M.B., C.M., Ireland. (*Thesis*—"Surgical Cases in Wellington Hospital, New Zealand.")
Alexander Johnston, M.B., C.M., Scotland. (*Thesis*—"Fifteen Cases of Diphtheria, with Remarks.")
Duncan Macartney, M.A., M.B., C.M., Scotland. (*Thesis*—"Excision of the Elbow Joint, with Thirty Cases in Illustration.")
Ferdinand Rees, M.B., C.M., England. (*Thesis*—"Puerperal Embolism and Puerperal Thrombosis.")
Oswald Rees, M.B., C.M., England. (*Thesis*—"On the Treatment of so-called Cases of 'Periostitis' in growing bone by Trephining.")
John Sandilands, M.A., M.B., C.M., Scotland. (*Thesis*—"Medical Work among the Villages of the Central Provinces, India.")
John Stevenson, M.B., C.M., Scotland. (*Thesis*—"Observations on Influenza, with Complications and Sequels.")
James Wilson Wallace, M.B., C.M., Scotland. (*Thesis*—"Fibroid Tumours of the Uterus: A Retrospect.")

November, 1894.

I.—WITH HONOURS.

William Robert Jack, B.Sc., M.B., C.M., Scotland. (*Thesis*—"Observations on the Analysis of Voluntary Muscular Movements by certain new Instruments.")

II.—ORDINARY DEGREE.

James Hudson, M.B., C.M., Scotland. (*Thesis*—"Menstruation and its relation to Nerves of Uterus.")

Gilbert Petgrave Johnson, M.B., C.M., Jamaica. (*Thesis*—"The Diagnosis of Small Pox.")

James Miller, M.B., C.M., Scotland. (*Thesis*—"Anaesthetics in Midwifery Practice.")

James Gibson M'Naught, M.A., M.B., C.M., Scotland. (*Thesis*—"On a group of cases illustrating the co-existence of Scarlet Fever and Measles in the same individual.")

Gilbert Park, M.B., C.M., Scotland. (*Thesis*—"Nature and Affinities of Chorea.")

Gregory Sprott, M.B., C.M., Scotland. (*Thesis*—"Cancer: Its Increase, Origin, and Cause.")

April, 1895.

I.—WITH COMMENDATION.

Peter Henderson Abercrombie, M.B., C.M., Scotland. (*Thesis*—"Turbinotomy in Nasal Stenosis; Analysis and Notes of 66 Cases.")

II.—ORDINARY DEGREE.

Matthew Cameron Blair, M.B., C.M., Scotland. (*Thesis*—"Remarks on Secondary and Senile Dementia.")

Robert M'Ghie, M.B., C.M., England. (*Thesis*—"Influenza and some of its Complications, with Illustrative Cases.")

Kenneth Child Mackenzie, M.B., C.M., England. (*Thesis*—"Typhus Fever, with Notes and Charts of 16 Cases.")

Robert M'Lay, M.B., C.M., Scotland. (*Thesis*—"Scarlet Fever.")

William Slimon, M.B., C.M., Scotland. (*Thesis*—"Hystero Epilepsy.")

BACHELORS OF MEDICINE AND MASTERS IN SURGERY (M.B., C.M.).

July, 1894.

I.—HONOURS.

[1] Alexander MacLennan, Scotland.
William Stewart Cook, B.Sc., Scot.
James Currie Robertson, M.A., B.Sc., Scotland.
James Murray Young, Scotland.
John Francis Robert Gairdner, Scotland.

II.—HIGH COMMENDATION.

James Dunlop Octavus Wilson,	Scot.	Hugh Brown Currie,	Scotland.
James Fairlie Gemmill, M.A.,	,,	Alexander Macphail,	,,
Marion Gilchrist,	,,	Archibald Smith Dick,	,,

III.—COMMENDATION.

John Brownlee, M.A.,	Scotland.	Robert Kirkwood Currie,	Scotland.
John Morrison,	,,	William Edgar Macharg,	,,
Cuthbert Nairn,	,,	Alfred George Newell,	India.
Robert Wardrop Forrest,	,,	William Salmond,	Scotland.

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[1] Mr. MacLennan gains the Brunton Memorial Prize of Ten Pounds, awarded to the most distinguished Graduate in Medicine of the year.

IV.—ORDINARY DEGREES.

David Beatson,	Scotland.
David Blair, M.A.,	,,
Thomas Douglas Brown,	,,
Peter Stedman Buchanan,	,,
Edward Napier Burnett,	,,
Alexander Cameron,	,,
Archibald Campbell,	,,
Henry Carmichael,	,,
Allan Aitken Clark,	India.
Alice Lilian Louisa Cumming,	Scot.
Donald Stewart Dewar,	Scotland.
Robinson Simpson Dickson,	England.
John Drummond,	Scotland.
John Templeton Dunlop,	,,
George Alexander Eadie,	Australia.
William Cameron Faulds,	Scotland.
Daniel Ferguson,	,,
Thomas John Lawson Forbes,	,,
Robert Forsyth,	,,
John James Fraser,	,,
Alexander Girvan,	,,
David Glen,	Scotland.
Alfred Alex. Cumming Grant,	,,
Clarence Barrymore Harrison,	Persia.
Adam Kay,	Scotland.
John Masterton,	,,
John Colin Matheson,	England.
John Munro,	Scotland.
John Murray,	,,
Donald Maclean,	,,
Archibald Neville M'Lellan,	,,
James Campbell M'Neillie,	,,
Hugh Stirling Brown Nisbet,	,,
James Pettigrew,	,,
Daniel Evans Powell,	Wales.
John Reid,	Scotland.
Daniel Richmond,	Ireland.
Joseph Scott,	Scotland.
Alexander Shearer,	,,
Robert Tennent,	,,
Robert Nicol White,	,,
Alexander Grieve Young,	,,

August, 1894.

HONOURS.

John Wainman Findlay, Scotland.

October, 1894.

David Ligat, Scotland.

November, 1894.

I.—COMMENDATION.

James Mair, Scotland.

II.—ORDINARY DEGREES.

John Anderson,	Scotland.
David James MacGoun Campbell,	,,
Alexander Cochran,	,,
William James Couper,	England.
Margaret Cochran Dewar,	Ceylon.
John Dunlop,	Scotland.
Robert Dunsmuir,	,,
William Bickerton Edwards,	Wales.
David Erskine,	Scotland.
John Falconer,	,,
John Guy,	,,
Thomas Henry Hay,	Ireland.
James Duncan Love,	Scotland.
Elizabeth Dorothea Lyness,	Ireland.
Donald MacDonald,	Scotland.
Alfred Frederick Septimus Pearcey,	England.
Hugh Riddell,	Scotland.
Archibald Neil Sinclair,	U.S. America.
Henry Beveridge Smith,	Scotland.
James Smyth,	Ireland.
John Ritchie Turner,	Scotland.

December, 1894.

Arthur Lawton, England.

February, 1895.

I.—COMMENDATION.

Robert Morton, Scotland.

II.—ORDINARY DEGREES.

James Forrester,	Scotland.
Fergus M'Kenna,	Scotland.

MASTERS OF ARTS (M.A.).

November, 1894.

I. With Honours.

With First Class Honours in Logic and Moral Philosophy, and Second Class Honours in Latin and Greek.

Henry Noel Brailsford (New Regulations).

With First Class Honours in Classics.

John Charles Scott.
Charles William Thomson.

With First Class Honours in Mental Philosophy.

William Romaine Paterson.

With First Class Honours in Mathematics and Natural Philosophy.

Charles Shirra Dougall.
William Craig Henderson.

With Second Class Honours in Classics.

John Macfarlane Forsyth.

II. Ordinary Degree.

George Riddell Aitken.
Foster Henry Bardwell.
Robert Barr.
Thomas Carruthers.
Archibald Hamilton Charteris.
Alexander Forfar.
James Wilson Gardner.
John Hall.
William Parker Hanks.
Robert Reid Hobart.
Joseph Hood.
Arnold Low Kemp.
James Law.
John Stuart Leishman.
William Caird Lindsay.
William Henry Low.
William Lusk.
Ebenezer Mitchell.
Richard Morris.
John MacDonald.
Archibald Currie M'Gilchrist.
Francis Joseph Maclauchlan.
William Seymour M'Millan.
Duncan Mackenzie Macrae.
Robert Pattison.
Peter Drummond Pringle.
Charles William Stewart.
Walter Strang.
David Tripney.
John Lancelot Tulloch.
Thomas Wardrop.
James Watchman.
William Watson.
David Graham Webster.
John George Hill Whamond.

April, 1895.

I. With Honours.

With First Class Honours in Classics.

William Gregory Bell (New Regulations).
William Gow.
Joseph Ferguson M'Fadyen.

With First Class Honours in Mental Philosophy.

Gavin Lang Pagan.

With First Class Honours in Mathematics and Natural Philosophy.

James Wallace Peck (New Regulations).

II. Ordinary Degree.

Andrew Stirling Bannatyne.
Isabella Blacklock.
Sarah Logan Blair.
John Cochran.
Peter Couper.
James Hunter Craig.
John Cumming.
George Cunningham.

James Davidson.
Daniel Ferguson.
David Pinkerton Fleming.
James Neilson Gray.
Archibald Hunter.
James Herbert Orrock Johnston.
Thomas Wedros Jones.
William Jordan.
George Lamb.
Joseph Hume Menzies.
Arthur Stanley Middleton.
David Alexander Morrison.
Joseph Muir.
William Meikle Murray.
George Todd Maclean.
Robert Smith Macmorran.
William MacNaughtan.
Alexander Munro MacRobert.
James Pollock.
Edward Thomas Scott Reid.
John Reid.
John Mair Richmond.
David Stephen Robertson.
Duncan Ross.
William Young Russell.
Joseph Shillinglaw.
James Simpson.
William Campbell Smith.
Munro Somerville.
John Stewart (Coatbridge).
James Thomson (Hillhead).
John Lane Wark.
Alexander Simpson Wells.
James Wishart.

BACHELORS OF SCIENCE (B.Sc.).

November, 1894.

I. With Honours.

With Honours in Botany and Zoology—
In Natural Science.

William Henry Lang.

With Honours in Civil Engineering—
In Engineering Science.

George William Shearer.

II. Ordinary Degree.

In Natural Science.

Samuel Anderson.
Norman Macnair.
Andrew Colville Wilson.

In Engineering Science.

Alexander Gratitude Craig.
Hector Alexander Mollison.

April, 1895.

I. With Honours.

With First Class Honours in Mathematics and Natural Philosophy—
In Physical Science.

William Craig Henderson, M.A.

With Honours in Anatomy and Physiology—
In Natural Science.

Hugh Calderwood.
John Allan Craigie Macewen.

With Honours in Civil Engineering—
In Engineering Science.

William Hamilton.
Campbell Macmillan.

II. ORDINARY DEGREE.

In Geological Science.
Ramsay Hunter.

In Physical Science.
William Brown.

In Natural Science.
George Lean.

In Engineering Science.

Alexander Bain.
William Armour Brown.
William John Goudie.
Daniel Chaplin Nutting.
John Alexander Sloan.
Walter Stewart, M.A.
Adam Gowans Whyte.
Llewellyn Wynn Williams.
Nagakata Yamamoto.

CERTIFICATE OF PROFICIENCY IN ENGINEERING SCIENCE.

November, 1894.
Alexander Gratitude Craig.

April, 1895.

Alexander Bain.
William John Goudie.
Llewellyn Wynn Williams.

DEPARTMENTAL CERTIFICATES.

I.—FOR DEGREE OF B.D.

FIRST DEPARTMENT—*November*, 1894.

John B. Craig, M.A.
George G. Duncan, M.A.
Alfred E. Garvie, M.A.
Francis G. Geddes, M.A.
James H. Gillespie, M.A.
Charles W. Hutcheson, M.A.
Donald Macgillivray, M.A.
John Mack, M.A.
John C. M'Naught, M.A.
Robert L. Macnie, M.A.
Guy S. Peebles, M.A.
John Ronald, M.A.
George A. Stalker, M.A.
William M. Steven, M.A.
John J. Thomson, M.A.
George P. Wallace, M.A.
James Whyte, M.A.

SECOND DEPARTMENT—*April*, 1895.

Robert H. Coats, M.A.
John B. Craig, M.A.
George G. Duncan, M.A.
Francis G. Geddes, M.A.
James H. Gillespie, M.A.
Charles W. Hutcheson, M.A.
Donald Macgillivray, M.A.
John Mack, M.A.
John C. M'Naught, M A.
Guy S. Peebles, M.A.
Archibald E. Robertson, M.A.
George A. Stalker, M.A.
William M. Steven, M.A.
John J. Thomson, M.A.
Andrew E. Wallace, M.A.
George P. Wallace, M.A.
James Whyte, M.A.

II.—FOR DEGREE OF M.A.

OLD REGULATIONS.

1. IN CLASSICAL LITERATURE.

October, 1894.

Brodie, John M'Clure.
Caird, Alexander Beith.
Forfar, Alexander.
Forsyth, John Macfarlane (II. Hon.).
Galloway, James Bulloch.
Girvan, John (II. Hon.).
Gow, William (I. Hon.).
Hood, Joseph.
Hutchison, Hugh Cameron.
Miller, John.
Mitchell, Ebenezer.
Morris, Richard.
M'Cance, Thomas Wood.
M'Fadyen, Joseph Ferguson.
M'Gregor, Duncan.
Nicolson, David.
Paterson, John.
Pringle, Peter Drummond.
Saunders, James Crombie.
Scott, John Charles (I. Hon.).
Shillinglaw, Joseph.
Wishart, James.

April, 1895.

Craig, James Hunter.
Dewar, James Maxwell.
M'Fadyen, Joseph Ferguson (I. Hon.).
Robertson, David Stephen.
Simpson, James.
Smith, William Campbell.

2. IN MENTAL PHILOSOPHY.

October, 1894.

Bardwell, Foster H.
Barr, Robert.
Bennett, George.
Cadenhead, David G.
Cameron, Thomas.
Carmichael, John D.
Carruthers, Thomas.
Cochran, Alexander.
Crawford, David H.
Flint, Thomas.
Gillies, Alexander.
Gow, William.
Hall, John.
Hobart, Robert R.
Ingles, Robert.
Johnston, John J. H.
Johnstone, Samuel.
Kemp, Arnold L.
Kennedy, John.
Leechman, Walter G.
Leith, William.
Lindsay, William Anderson.
Lindsay, William Caird.
Lusk, William.
Moffat, James.
M'Fadyen, Joseph F.
M'Gilchrist, Archibald C.
M'Gregor, Alexander.
MacGregor, Thomas.
MacLeod, John.
Paterson, William Romaine (I. Hon.).
Primrose, Hugh.
Skeoch, William R.
Smith, James.
Stewart, Charles W.
Whamond, John.

April, 1895.

Aikman, Matthew.
Bauchop, Jeffrey D.
Beaton, Matthew.
Brodie, John M.
Brown, Thomas R.
Clark, Dugald.
Cleland, William.
Cochran, Henry W.
Cochran, John.
Cuthbertson, Robert.
Douglas, Donald.
Galloway, James B.
Gray, James N.
Griffith, Hugh E.
Jones, Thomas W.
Kinloch, Thomas F.
Kirkpatrick, Maxwell R.
Lamb, George.
Leys, Norman M.
Loggie, William W.
Lorimer, William.
Mitchell, Robert C.
Morrison, David.
Muirhead, William.

Macdonald, Coll A.
Maciver, Angus.
Maclean, George T.
Macleod, Donald.
Macmorran, Robert S.
M'Murtrie, James.
Nicolson, David.
Orr, Thomas.
Pagan, Gavin Lang (I. Hon.).
Paterson, John.
Paterson, William S.
Reid, John.
Ross, George M.
Shillinglaw, Joseph.
Stewart, Robert.
Taylor, James T.
Wiseman, Robert.
Wishart, James.

3. IN MATHEMATICS AND NATURAL PHILOSOPHY.

October, 1894.

Aitken, George Riddell.
Charteris, Archibald Hamilton.
Dougall, Charles Shirra (I. Hon.).
Granger, James Parlane.
Hall, John.
Hanks, William Parker.
Henderson, William Craig (I. Hon.).
Johnston, John J. Hunter.
Law, James.
Leishman, John Stuart.
Low, William Henry.
MacDonald, John.
M'Ewing, Samuel Harvey.
M'Gilchrist, Archibald Currie.
M'Gregor, Christopher Strang.
Maclauchlan, Francis J.
Macrae, Duncan MacKenzie.
Pattison, Robert.
Reid, John.
Richmond, John Mair.
Strang, Walter.
Tripney, David.
Watchman, James.

April, 1895.

Adam, James.
Ainslie, James L.
Cochran, Alexander.
Cochran, John.
Couper, Peter.
Crawford, John.
Cumming, William.
Cunningham, John F.
Douglas, William.
Dunlop, George Alexander.
Dunlop, James Slater.
Edward, Alexander Kerr.
Ferguson, Daniel.
Francis, James.
Girvan, John.
Hendrie, Thomas.
Johnston, James H. Orrock.
Johnstone, Samuel.
Kinloch, Thomas F.
Lindsay, James.
Muir, Joseph.
Murray, Samuel John.
Maclean, George Todd.
Macmorran, Robert Smith.
Nicolson, David.
Reid, Edward T. S.
Ross, Duncan.
Russell, William Young.
Sanders, John.
Smith, James.
Smith, William.
Strachan, David.
Swan, David.
Thomson, Hector M'Ewan.
Walker, Robert.
Wishart, James.

NEW REGULATIONS.

A.—LANGUAGE AND LITERATURE.

LATIN.

October, 1894.

Anderson, Robert Proudfoot Roy.
Brander, James Paterson.
Cameron, Donald Cunninghame.
Dick, Charles.
Hamilton, Adam.
Henderson, John Watson.
Monteith, John Cassels.
MacNaughtan, William.
Ogilvy, John Urquhart.
Peck, James Wallace.
Ross, John Johnston.
Thomson, John Scoular.
Valentine, George Donald.

April, 1895.

Bell, Andrew.
Bell, William Gregory (I. Hon.).
Blacklock, Isabella.
Campbell, Thomas Murdoch.
Carruthers, Arthur Beattie.
Dickson, Robert Marcus.
Dock, George.
Falconer, John.
Ferguson, Fergus.
Gillies, William King (I. Hon.).
Glen, Robert Fulton.
Gray, John.
Haran, Thomas Smith.
Henderson, Peter.
Jones, Thomas Ellis.
*Ker, James Campbell.
Marshall, William.
*Monie, Peter William.
Morrison, Angus John.
Murphy, John.
Murray, Dorothy Noble Tennant.
M'Farlan, Donald.
Macfarlane, Andrew.
M'Millan, Katharine Thomson.
M'Pherson, James.
Nielson, Gordon Burns.
Pullar, Thomas.
Scott, William (Lanark).
Stephen, Alexander.
Stevenson, David.
Watson, Frederick Allan.
Williams, Richard Robert.
Wilson, James.
Young, Robert Burns.

GREEK.

October, 1894.

Anderson, Robert Proudfoot Roy.
Bowie, Robert.
Brander, James Paterson.
Dick, William Carson.
Douglas, George Sharp.
Hamilton, Adam.
Hay, Grace Foulis.
Henderson, James Ewart.
Henderson, John Watson.
Howie, Robert.
M'Kay, John Dewar.
MacKellar, John Alex. Coull.
MacNaughtan, William.
Thomson, John Scoular.
Valentine, George Donald.

April, 1894.

Anderson, Archibald.
Bell, William Gregory (I. Hon.).
*Blair, David Logan.
Blair, Sarah Logan.
Campbell, Thomas Murdoch.
Candlish, Robert.
Dick, Gilbert.
Dickson, Robert Marcus.
Dock, George.
Ferguson, Fergus.
Gillies, William King (I. Hon.).
Glen, Robert Fulton.
Gourlay, Charles Aikman.
Haran, Thomas Smith.
Henderson, Peter.
Ker, James Campbell.
Martyn, Harry Somerville.
Monie, Peter William.
Morrison, Angus John.
Murphy, John.
M'Farlan, Donald.
Macfarlane, Andrew.
M'Intyre, John Ebenezer.
M'Pherson, James.
Nielson, Gordon Burns.
Ogilvie, George.
Paterson, David Stewart.
Patrick, James William.
Philips, William (Glasgow).
Phillips, William (Galston).
Ross, Neil.
Scott, William (Lanark).
Tannahill, Constance.
Turnbull, Matthew.
Watson, Frederick Allan.

ENGLISH.

October, 1894.

Anderson, Thomas R.
Lowson, Peter.
Miller, William C.
Murray, William Meikle.
MacRobert, Alexander M.
Thomson, James (Hillhead).

* An asterisk denotes distinction.

April, 1895.

Adam, James.
Adams, George S.
Allan, Alexander.
Anderson, Archibald.
Anderson, Harry A. P.
Anderson, Robert P. R.
Auchinachie, Peter.
Baird, Thomas.
Bayne, Alexander.
Blythe, Walter.
Brash, John.
Cameron, Duncan.
Craik, David.
Crichton, Marion M.
Cuthbert, Charles C.
Davidson, Robert.
Dick, William C.
Douglas, Robert.
Fleming, Norman.
Gillespie, James.
Gilmour, James.
Gourlay, Charles A.
Hay, Grace F.
Henderson, James E.
Howie, Robert.
Johnston, James.
Johnston, James Alex.
Jordan, William.
Kyle, David.
Liddell, James G.
Lochhead, John.
Mair, James.
Marr, James.
Martin, Allan.
Millar, James.
Miller, Robert B.
Mitchell, James D.
Murray, Dorothy N. T.
Murray, George.
M'Donald, John.
Macfarlane, Andrew.
M'Kay, John D.
Mackenzie, William S.
M'Laren, Thomas.
M'Michael, Thomas.
M'Millan, Katharine T.
M'Phun, Margret P.
Nelson, Thomas.
Newall, John.
Parkin, William L.
Paton, James B.
Patrick, James W.
Peck, James W.
Preston, David.
Riddell, Andrew L.
Ross, Neil.
Rutherfurd, Helen.
Scott, Alexander M.
Sinton, Alexander.
Skilling, James L.
Snodgrass, Neil S.
Stevenson, David.
Stewart, Jane B.
Stewart, John (Kilmarnock).
Tennent, Robert.
Thomson, James (Glasgow).
Turnbull, Matthew.
Walker, James.
Whyte, John W.
Whyte, Robert O.
Wightman, William M.
Wilson, Robert.

FRENCH.

April, 1895.

Blair, Isabella Brown.
Stewart, Jane Buchanan.

GERMAN.

April, 1895.

M'Phun, Margret Pollock.

B.—MENTAL PHILOSOPHY.

LOGIC AND METAPHYSICS.

October, 1894.

Aitken, George Jeffrey.
Brailsford, Henry Noel (I. Hon.).
Cunningham, George.
Harkness, John.
Miller, William Charles.
Pringle, William M. R.
Snodgrass, Neil Smith.
Thomson, James (Hillhead).
Towers, Joseph Watson.
Young, George Glen Blyth.

April, 1895.

Adam, James.
Anderson, Archibald.
Anderson, Robert P. R.
Blacklock, Isabella.
Brash, John.
Cameron, Duncan.
Fraser, Alexander.
Fraser, Ebenezer H.
Fulton, John W.
Fulton, William W.
Gibson, Allan.
Hamilton, Adam.
Hay, Grace Foulis.
Henderson, John W.
Howie, Robert.
Johnston, James.
Liddle, David F.
Lochhead, John.
Martin, Robert H.
Martyn, Harry S.
M'Cormick, John A.
M'Jannett, Jane R. S.
Mackellar, John A. C.
Nelson, Thomas.
Ogilvie, George.
Phillips, William (Galston).
Ross, Neil.
Scott, Gavin.
Selkirk, William A. R.
Stewart Adam B.
Stewart, John (Kilmarnock).
Taylor, Elizabeth P.
Tennent, Robert.
Turner, Robert L.
Tweeddale, David H.
Wallace, Horace F.
Whyte, John W.
Wilson, James B.
Wilson, Robert.
Young, John.

MORAL PHILOSOPHY.

October, 1894.

Brailsford, Henry Noel (I. Hon.).
Cumming, John.
MacRobert, Alex. Munro.
Pringle, William M. R.

April, 1895.

Aitken, George Jeffrey.
Baird, Thomas.
Bell, Robert D.
Brander, James P.
Copeland, James W.
Craik, David.
Cunningham, George.
Cuthbert, Charles C.
Fleming, Norman.
Fulton, John W.
Fulton, William W.
Gilmour, James.
Gowans, Adam L.
Johnston, James Alex.
Liddle, David F.
Mair, James.
Martin, Alexander J.
Millar, James.
Miller, William Charles.
Miller, William J. S.
Morison, John L.
Murray, William M.
MacNaughtan, William.
Peck, James W.
Pollock, James.
Scott, Andrew Boyd.
Shearer, James.
Skilling, James L.
Somerville, Munro.
Stewart, John (Coatbridge).
Towers, Joseph W.
Valentine, George D.
Walker, James.
Wark, John L.
Wilkie, Arthur W.
Wilson, James B.

POLITICAL ECONOMY.

April, 1895.

Monteith, John Cassels.
Shaughnessy, Alexander.

THEORY, HISTORY, AND ART OF EDUCATION.

April, 1895.

Allan, Alexander.
Auchinachie, Peter.
Dick, Gilbert.
Dick, William Carson.
Douglas, Robert.
Miller, Robert Bennett.
Montgomerie, William.
M'Michael, Thomas.
Newall, John.
Riddell, Andrew Lindsay.
Ross, John Johnston.
Shearer, James.
Sinton, Alexander.
Wightman, William M'Caig.

C.—SCIENCE.

MATHEMATICS.

October, 1894.

Auchinachie, Alexander.
Crichton, Marion Macfarlane.
Gowans, Adam Leslie.
Millar, James.
Miller, William Charles.
Peck, James Wallace (I. Hon.).
Phillips, William (Galston).
Rutherfurd, Helen.
Snodgrass, Neil Smith.
Stewart, John (Kilmarnock).
Thomson, James (Hillhead).
Wilkie, Arthur West.
Wilson, James.

April, 1895.

Adam, James.
Aitken, Robert.
Anderson, Harry A. P.
Babington, Matthew.
Baird, James W.
Baird, Thomas.
Bannatyne, Andrew S.
Begg, William Henderson.
Bell, William Gregory.
Blair, Isabella Brown.
Cameron, Duncan.
Conacher, John.
Cuthbert, Charles Campbell.
Davidson, Robert.
Dick, William C.
Edward, William A.
Erskine, Robert.
Fairlie, John M.
Falconer, John.
Faulds, James.
Ferguson, John.
Ferguson, Mungo.
Fraser, Alexander.
Fraser, Ebenezer H.
Kelly, Andrew M'C.
Kerr, Andrew J. C.
Lindsay, William A.
Lochhead, John.
Main, Archibald.
Marshall, William.
Monie, Peter W.
Morton, Thomas E.
Murphy, John.
Murray, Lewis D.
M'Clemont, Joseph.
M'Cormick, John A.
M'Cracken, William R.
MacGregor, Gregor.
M'Kenzie, Ivy.
M'Ouat, Murdoch.
Paterson, David S.
Scott, William (Glasgow).
Sheridan, James.
Sinclair, Malcolm A.
Smith, David.
Stephen, Alexander.
Tweeddale, David H.
Watt, Robert.
White, Joseph.
Whyte, John Wallace.
Williams, Richard R.

NATURAL PHILOSOPHY.

October, 1894.

Blacklock, Isabella.
Boyd, William.
Peck, James Wallace (I. Hon.).

April, 1895.

Aitken, George Jeffrey.
Bayne, Alexander.
Blair, Sarah Logan.
Copeland, James W.
Cunningham, George.
Fleming, Norman.
Fulton, William.
Gilmour, James.
Johnston, James A.
Lowson, Peter.
Martin, Alexander James.
Miller, William Charles.
Murray, George.
M'Jannett, Jane R. S.
M'Naughtan, William.
M'Ouat, Murdoch.
Pollock, James.
Preston, David.
Skilling, James L.
Smith, David.

Snodgrass, Neil S.
Somerville, Munro.
Stewart, John (Coatbridge).
Towers, Joseph W.
Wark, John Lane.
Watt, Robert.
Whyte, Robert Orr.
Wilkie, Arthur West.

CHEMISTRY.

April, 1895.

Wells, Alexander Simpson.

ZOOLOGY.

April, 1895.

Wells, Alexander Simpson.

BOTANY.

April, 1895.

Martin, Allan.

D.—HISTORY AND LAW.

HISTORY.

April, 1895.

Blacklock, Isabella.
Jordan, William.
Morison, John L.
Murray, William Meikle.
MacGregor, Hugh.
Scott, Gavin.
Thomson, James (Hillhead).

CONSTITUTIONAL LAW AND HISTORY.

October, 1894.

Fleming, David Pinkerton.

ROMAN LAW.

October, 1894.

Fleming, David Pinkerton.

April, 1895.

Anderson, Thomas Randall.
Menzies, Joseph Hume.
MacRobert, Alex. Munro.

PUBLIC LAW.

April, 1895.

Fleming, David Pinkerton.

III. FOR DEGREES IN LAW.

I. For Degree of LL.B.

1. IN CIVIL LAW.

October, 1894.

Calderwood, John, M.A.
M'Kechnie, Henry Donald, M.A.
Macmillan, Hugh Pattison, M.A.
Macnaughtan, Joseph, M.A.
Spens, John Gillespie, M.A.
Walker, Robert Bryce, M.A

April, 1895.

Brown, Robert Scott, M.A.
Fleming, Alfred James, M.A.
Stewart, Charles William, M.A.

2. IN LAW OF SCOTLAND.

October, 1894.

Aitken, John Russell, M.A.
Anderson, Thomas Alex. Harvie, M.A.
Clazy, William Oliver, M.A.
Cowan, Hugh, M.A.
M'Callum, Julius Fisher, M.A.
Ramsay, William Alex., B.A.
Spens, John Gillespie, M.A.
Taylor, Alexander, M.A.

April, 1895.

Doak, Robert Alex., M.A.
Fleming, Alfred James, M.A.
Horne, Robert Stevenson, M.A.
Paterson, Hamilton Paul, M.A.
Robertson, James Duncan, M.A.
Walker, Robert Bryce, M.A.

3. IN CONVEYANCING.

October, 1894.

Bartholomew, John, M.A.
Cowan, Hugh, M.A.
Findlay, James Crawford, M.A.
Smith, Allan MacGregor, M.A

April, 1895.

Doak, Robert Alex., M.A.
Hamilton, Alex. Mitchell, M.A.
Macnaughtan, Joseph, M.A.
Taylor, Alexander, M.A.

4. IN PUBLIC LAW.

October, 1894.

M'Kechnie, Henry Donald, M.A.
Ramsay, William Alex., B.A.

April, 1895.

Clazy, William Oliver, M.A.
Hamilton, Alex. Mitchell, M.A.
Horne, Robert Stevenson, M.A.
Paterson, Hamilton Paul, M.A.
Spens, John Gillespie, M.A.
Stewart, Charles William, M.A.
Taylor, Alexander, M.A.
Walker, Robert Bryce, M.A.

5. IN CONSTITUTIONAL LAW AND HISTORY.

October, 1894.

Aitken, John Russell, M.A.
Calderwood, John, M.A.
M'Callum, Julius Fisher, M.A.
Macfie, Samuel, M.A.
M'Kechnie, Henry Donald, M.A.
Macmillan, Hugh Pattison, M.A.
Macnaughtan, Joseph, M.A.
Paterson, Hamilton Paul, M.A.
Spens, John Gillespie, M.A.
Taylor, Alexander, M.A.
Walker, Robert Bryce, M.A.

April, 1895.

Brown, Robert Scott, M.A.
Clazy, William Oliver, M.A.
Robertson, James Duncan, M.A.

6. IN MEDICAL JURISPRUDENCE.

October, 1894.

Anderson, Thomas Alex. Harvie, M.A.
Bartholomew, John, M.A.
Clazy, William Oliver, M.A.
M'Callum, Julius Fisher, M.A.
Macfie, Samuel, M.A.
Paterson, Hamilton Paul, M.A.
Smith, Allan MacGregor, M.A.

April, 1895.

Horne, Robert Stevenson, M.A.
Spens, John Gillespie, M.A.

II. FOR DEGREE OF B.L.

1. IN LATIN.

2. IN GREEK.

3. IN LOGIC.

October, 1894.

Scott, Alex. Malcolm.
Vallance, Thomas.

April, 1895.

Duncan, Thomas.
Farquhar, William Dalziel.
Morrison, John Anderson.
Turnbull, John Colledge.

4. IN MORAL PHILOSOPHY.

April, 1895.

Anderson, Jonathan Ranken.
Scott, Alexander Malcolm.
Tannahill, John Thomson.

5. IN ENGLISH LITERATURE.

October, 1894.

M'Clure, Robert Wilson.
Nelson, Walter.

April, 1895.

Morrison, John Anderson.

6. IN MATHEMATICS.

April, 1895.

Nelson, Walter.

7. IN NATURAL PHILOSOPHY.

8. IN FRENCH.

October, 1894.

Miller, James Taylor.
Todd, John Jamieson.

9. IN GERMAN.

10. IN CIVIL LAW.

April, 1895.

Campbell, Archibald.

11. IN LAW OF SCOTLAND.

October, 1894.

Brown, Charles William.
Gentles, Norman.
Kerr, James Dickson.

April, 1895.

Anderson, Jonathan Ranken.

12. IN CONVEYANCING.

April, 1895.

Barrie, Thomas Tennent.
Brown, Charles William.
Campbell, Archibald.
Smith, David Wright, M.A.

13. IN PUBLIC LAW.

14. IN CONSTITUTIONAL LAW AND HISTORY.

October, 1894.

Brown, Charles William.

15. IN MEDICAL JURISPRUDENCE.

October, 1894.
Gentles, Norman.

16. IN POLITICAL ECONOMY.

October, 1894.
Kerr, James Dickson.

April, 1895.
Brown, Charles William.

IV.—FOR DEGREE OF B.Sc.

OLD REGULATIONS.

IN CHEMISTRY.

October, 1894.
Hunter, Ramsay. | M'Dougall, Alexander, M.A.

IN MORAL PHILOSOPHY.

April, 1895.
Hunter, Ramsay.

REGULATIONS OF 1885.

IN PHYSICAL SCIENCE.

FIRST EXAMINATION—CHEMISTRY.

April, 1895.
Henderson, William Craig, M.A.

FINAL EXAMINATION—MATHEMATICS AND NATURAL PHILOSOPHY.

April, 1895.
Brown, William.

REGULATIONS OF 1890.

A. IN NATURAL SCIENCE.

FIRST EXAMINATION—PORTION—MATHEMATICS, NATURAL PHILOSOPHY.

October, 1894.
Wallace, William.

SECOND EXAMINATION—BOTANY, ZOOLOGY.

October, 1894.
Lang, William Henry (Honours).

SECOND EXAMINATION—ANATOMY, PHYSIOLOGY.

October, 1894.
Anderson, Samuel. | Macnair, Norman.
Wilson, Andrew Colville.

April, 1895.
Calderwood, Hugh (Honours).
Macewen, John Allan Craigie (Honours).

SECOND EXAMINATION—CHEMISTRY, EXPERIMENTAL PHYSICS.

April, 1895.

Lean, George.

B. In Engineering Science.

MATHEMATICS.

October, 1894.

Williams, Llewellyn Wynn.
Yamamoto, Nagakata.

April, 1895.

Crawford, James Buchanan.
Malcolm, John.

NATURAL PHILOSOPHY.

October, 1894.

Brown, William Armour.

April, 1895.

Bain, Alexander.
Goudie, William John.
Morrison, William.
Williams, Llewellyn Wynn.
Yamamoto, Nagakata.

CHEMISTRY.

October, 1894.

Hamilton, William.
Mollison, Hector Alex.
Shearer, George William.
Sloan, John Alexander.

April, 1895.

Keith, James.
Orr, John.

CIVIL ENGINEERING AND MECHANICS.

October, 1894.

Blair, George.
Coats, Allan.
Goudie, William John.
Paterson, Joseph Barr.
Shearer, George William (Honours).
White, Hedley.

April, 1895.

Bain, Alexander.
Brown, William Armour.
Hamilton, William (Honours).

ENGINEERING, DRAWING, AND CALCULATIONS.

October, 1894.

Goudie, William John.

April, 1895.

Hamilton, William.

NAVAL ARCHITECTURE.

October, 1894.

Dittmar, August.
Goudie, William John.
Mollison, Hector Alex.

April, 1895.

Brown, William Armour.
Dickson, James Moir.
Hamilton, William.
Keith, James.
Orr, John.

GEOLOGY.

April, 1895.

Gardner, Stanley Joseph.

GEODESY.

October, 1894.

Shearer, George William.

NEW REGULATIONS.

A. IN PURE SCIENCE.

FIRST SCIENCE EXAMINATION—PORTION.

October, 1894.

Grant, Francis Laurie, M.A. (Chemistry).

April, 1895.

Duncan, John Pinkerton (Mathematics and Natural Philosophy).
Pirret, Miss Ruth (Mathematics and Natural Philosophy).
Riddell, John, M.A. (Biology, *i.e.*, Zoology and Botany).
White, Joseph (Mathematics).

B. IN ENGINEERING.

FIRST SCIENCE EXAMINATION—PORTION.

October, 1894.

Dunn, Andrew (Mathematics and Natural Philosophy).
Muir, John (Mathematics and Natural Philosophy).
Murdoch, William H. F. (Mathematics and Natural Philosophy—Higher).
Styles, Oliver (Natural Philosophy).
Walker, Archibald Craig (Mathematics and Chemistry).
Wilson, William Renfrew (Mathematics).

April, 1895.

Dunn, Andrew (Chemistry).
Muir, John (Chemistry).
Murdoch, William H. F. (Experimental Physics).
Styles, Oliver (Mathematics and Chemistry).
Walker, Archibald Craig (Natural Philosophy).

FINAL SCIENCE EXAMINATION.

October, 1894.

Whyte, Adam Gowans (Mathematics (Higher) and Geology).

April, 1895.

Nutting, Daniel Chaplin (Engineering and Naval Architecture).
Whyte, Adam Gowans (Natural Philosophy (Higher), Engineering, and Drawing).

V. FOR DEGREES OF M.B., CH.B.

FIRST PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (B., Botany; Z., Zoology; P., Physics; C., Chemistry):—

October, 1894.

Aitken, John (Z., C.).
Ballantyne, Arthur James (Z., C.).
Ballantyne, Robert Fisher (B., P.).
Barclay, Andrew Aitken (P., C.).
Barrowman, James (B., P.).
Baxter, James Napier (Z., C.).
Bennett, Daisy Annabelle (B., C.).
Bennett, William (P.).
Beveridge, James Symond (P., C.).
Broad, William (P.).
Buchan, John James (P., C.).
Chalmers, James Robert (B., P.).
Clark, Andrew (Z.).
Cowan, David Maclure (B., P.).
Craig, John (B., P.).
Crerar, William (Z., C.).
Currie, John R., M.A. (B., Z., P., C.).
Davidson, Sarah (B., Z.).

Dick, William (Z., C.).
Douglas, Robert, M.A. (Z., C.).
Duncan, Kenneth M'K. (B., Z., P., C.).
Dunlop, Binnie (P., C.).
Dykes, John Ballantyne (B., P.).
Ferguson, Hugh Campbell (B., P.).
Findlay, James Fulton (Z., C.).
Fullarton, Robert, M.A. (B., Z., P., C.).
Garrow, Alexander (B., P.).
Granger, Jessie Downie (B., Z.).
Harvey, David Sloan (B., Z., P., C.).
Heap, Harold Smith (Z., C.).
Henderson, John (B., Z., P.).
Huey, Isaac Mackay (B.).
Jamieson, Nicol (B., C.).
Jones, Edward W. R. (B., Z., P., C.).
Jones, Pierce (B., Z., P., C.).
Keir, William Wallace (B., Z., P., C.).
Kerr, Andrew (B.).
Lang, Andrew Stewart (B., Z., P., C.).
Lawrie, Alexander (B., Z.).
Leitch, John W., M.A. (B., Z., P., C.).
Lorimer, Jane (P.).
Matheson, Alexander (B., Z., P., C.).
Miller, James Blakely (B., Z., P., C.).
Mitchell, James Alexander (Z., C.).
Mitchell, Percival A. (B., Z., P., C.).
M'Call, Eva (B., Z.).
M'Dougall, James William (P.).
Macfarlane, Minna Amelia (P., C.).
M'Ilroy, Annie Louise (Z., P.).
M'Kinlay, Dugald (B., C.).
Maclurkin, Alfred, Robert (B., P.).
Macnair, Alfred Duncan (Z., C.).
M'Neil, Margaret W. H. (B., Z.).
Macnicol, Roderick Reid, M.A. (P.).
Neill, William Gardner (Z., C.).
Niven, Robert (B., Z., C.).
Pearce, Percival Leslie (B., P.).
Poulter, Mabel Catharine (B., Z.).
Reid, John (Z., P.).
Rennie, Robert (P., C.).
Riddell, William Alexander (Z., C.).
Scanlan, Daniel (B., C.).
Scott, Joseph Wilkie (Z., C.).
Shaw, John, M.A. (B.).
Simon, David Ap (P., C.).
Smith, Catherine Love (B., P.).
Smith, James (Z.).
Smith, James Johnston (Z., P.).
Steel, W. H., B.A., (B., Z., P., C.).
Stevenson, Francis (B., Z., P., C.).
Stokes, Frederick E. (B., Z., P., C.).
Strang, Thomas Morton (B., Z.).
Taylor, Andrew (Z., C.).
Taylor, Robert (B., P.).
Thom, Robert (B., P.).
Thompson, Alexander Dey (B., P.).
Tierney, Thomas Bird (B., Z.).
Watson, Robert A. H. (B., Z., P., C.).
Webster, William (Z., C.).
Weir, Edward Roberts (P.).
Wells, Alexander Simpson (B., P.).
White, Joseph (B., P.).
White, Robert George (B., P.).
Whiteford, Sara (B., P.).
Wilson, James Patterson (Z., C.).
Wylie, Robert (B., C.).
Young, Grace Lorrain (B., Z.).

April, 1895.

Baxter, James Napier (B., P.).
Bennett, James Freeborn (Z., C.).
Bennett, William (B.).
Broad, William (B., Z., C.).
Brownlie, Andrew (P.).
Brunton, John (B., P.).
Calland, Thomas Bullough (B., C.).
Campbell, Ranald Douglas (P., C.).
Carruthers, James, M.A. (P.).
Cassells, Alexander Henderson (Z., C.).
Chalmers, James Robert (Z., C.).
Clark, Andrew (B.).
Cowan, David Maclure (Z., C.).
Crawford, George Morris (B., P.).
Cullen, John (P., C.).
Cumming, Charles Cheyen (Z., P.).
Davidson, Archibald W. W. (Z., P.).
Davidson, David William (Z., C.).
Davidson, Sarah (P., C.).
Davie, John Lithgow (B., P.).
Dick, James (Z., P.).
Dickie, James Austin (Z., P.).
Dickson, Frank Lindsay (Z.).
Drummond, James (P., C.).
Finlay, Comyn MacGregor (Z., P.).
Fleming, Marjorie K. H. (P., C.).
Fraser, Matthew William (Z., P.).
Garden, John Andrew (B., P.).
Gracie, John (B., P.).
Granger, Jessie Downie (P., C.).
Graves, George Henry Fullarton (Z.).
Hardie, Mabel (P., C.).
Harrington, Archibald Wilson (Z., P.).
Head, Leslie C. B. (Z., P.).
Henderson, John (C.).
Huey, Isaac Mackay (Z., P., C.).
Hunter, Jessie Sophia Beatrix (P., C.).
Inglis, Thomas (Z.).

Kennedy, Robert Dallas (B., P.).
Kerr, Andrew (Z., P.).
Littlejohn, David (B., C.).
Longmire, Mary (B., P.).
Lorimer, Jane (C.).
Millar, James Grant (Z., P.).
Millar, Ramsay (Z., P.).
Miller, Hugh (P.).
Miller, Norman Macleod (Z., P.).
MacCulloch, Alexander (B., C.).
MacDonald, James Hogg (Z., P.).
Macewan, Archibald Turner (P., C.).
M'Fadyen, Peter Mackintosh (Z., P.).
M'Gilchrist, John (Z., P.).
M'Ilroy, Annie Louise (B., C.).
Macintyre, David D. F. (B., P.).
Maclean, Charles Forbes (Z., P.).
MacLeod, Norman Forbes (Z., P.).
Maclure, William Johnston (B., P.).
Maclurkin, Alfred Robert (Z., C.).
M'Millan, John (B., P.).
M'Neill, Ina Lochhead (P., C.).
M'Neill, Mary Lauchline (Z., P.).
Macnicol, Roderick Reid, M.A. (C.).
Neill, Thomas (B., P.).
Patton, John (B., Z., C.).
Picken, Thomas Stephens (Z., P.).
Pollock, William Barr Inglis (B., P.).
Robertson, Sara Maude (P., C.).
Robin, Arthur (Z., P.).
Scott, James, M.A. (Z., C.).
Shaw, John, M.A. (Z., C.).
Shearer, James (B., Z., P., C.).
Smith, Andrew James (Z., P.).
Smith, David James (Z., P.).
Smith, James (P., C.).
Smith, James Johnston (B., C.).
Spencer, Maud (P., C.).
Stalker, William Stewart (P., C.).
Stewart, Alfred George (Z., C.).
Stewart, Frederick Richardson(B.,C.).
Stewart, James D. B. (B., C.).
Strachan, Peter D., M.A. (B., C.).
Sutherland, James Alexander (B., P.).
Taylor, Gertrude F. F. (P.).
Thomson, Charles Pinkerton (Z.).
Thomson, William Brown (B., P.).
Tierney, Thomas Bird (P., C.).
Watson, Alexander L., M.A., (Z., P.).
Wells, Alexander Simpson (Z., C.).
Whyte, Robert Orr (B., Z., P., C.).
Wildish, George Henry (Z., P.).
Williams, Morgan Watkin (P.).
Wilson, Alexander (Z., P.).
Wright, William (Z., P.).
Young, Grace Lorrain (P., C.).
Young, John Doctor (Z., C.).

SECOND PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (A., Anatomy; P., Physiology; M., Materia Medica and Therapeutics):—

October, 1894.

Buckley, Lucy, B.Sc. (A., P.).

April, 1895.

Allan, Alexander Smith (A., P.).
Broadway, Theodore B. (A., P.).
Cairns, David Louis (A., P.).
Charteris, Francis James (A., P.).
Clark, Daisy Annabella M. (A., P.).
Clarke, Joseph Adam (A., P.).
Coats, George William (A., P.).
Cochran, James Duncan (A., P.).
Findlay, Walter Scobie, M.A. (A. P.).
Fleming, James Finlayson (A., P.).
Forrester, Adrian Andrew (A., P.).
Harrison, Lawr. W. (A., P., M.).
Lawrie, Alexander (A).
Lindsay, Wm. M. (A., P., M.).
Liston, Wm. Glen (A., P., M.).
MacDonald John (A., P.).
M'Hatlie, James (A., P.).
M'Kail, David (A., P.).
M'Neill, Margaret Elizabeth (A., P.).
M'Queen, James, M.A. (A., P.).
Scott, Norman Emil Henry (A., P.).
Sloan, Alexander Bankier (A., P.).
Sloan, Samuel Macfarlane (A., P.).
Smith, David Steele (A., P.).
Smith, Jessie Hawkesworth (A., P.).
Strang, James (A., P.).
Taylor, Matthew Logan (A., P.).
Thomson, Walter Lewis (A., P.).
Watson, William (A., P.).
Watt, Ernest (A., P.).
Weir, Edward Roberts (A., P.).
Wyper, William (A., P.).
Young, David John (A., P.)

EXAMINATION FOR CANDIDATES FOR THE ARMY.

IN LATIN.

December, 1894.
Miller, David Skinner.

IN MATHEMATICS.

October, 1894.
Miller, David Skinner.

PRELIMINARY EXAMINATION FOR DEGREES IN ARTS AND SCIENCE.

The following candidates passed in the subjects indicated (L., Lower; I., Intermediate; H., Higher):—

October, 1894.
Abernethy, William (I. Math., L. Latin).
Adam, Henry Harper (English, I. Math., L. Latin, L. Greek).
Aitchison, James Alexander (L. Latin, L. Greek).
Aitken, Robert (H. Greek).
Alexander, Henry S. F. (English, L. Math.).
Anderson, Harry A. P. (English, H. Latin, L. Greek).
Anderson, Miss Maggie Lindsay (English, French).
Anderson, Norman Carrick (English, I. Math., L. Latin, H. Greek).
Archibald, James Rennie (L. Latin, L. Greek).
Atkinson, Miss Mabel (L. Math., H. Latin).
Auchinachie, Alexander (H. Greek).
Auchinachie, Peter (H. Math., Dynamics).
Babington, Matthew (English, H. Latin, H. Greek).
Bain, Alexander (English, L. Latin).
Beith, Peter (L. Math., L. Latin, L. Greek).
Bell, Andrew (H. Greek).
Black, John Frederick (German).
Bolton, James A. H. (English, L. Math., L. Latin., L. Greek).
Bowie, John (English, H. Latin).
Brown, James Lindsay (H. Latin, H. Greek).
Brown, John (Wishaw) (L. Latin).
Brown, John (Glasgow) (H. Latin).
Buchan, George Frederick (English, H. Math., L. Latin, Dynamics).
Burns, Alexander (English, I. Math., L. Latin, Dynamics).
Burr, Robert Alexander (L. Latin, Dynamics).
Campbell, John (English, H. Math., German, Dynamics).
Campbell, Miss Mary Stevenson (English).
Campbell, Peter (English, H. Latin).
Campbell, Thomas Murdoch (H. Greek).
Carmichael, James (English, I. Math., L. Greek).
Chapman, Walter Bartlett (L. Latin).
Clark, Robert Macfarlane (I. Math.).
Cluer, William (L. Math., L. Latin).
Condie, George (English).
Connor, William Morgan (English).
Core, William (L. Latin, L. Greek).
Coubrough, Anthony Cathcart (L. Latin).
Craig, James Ferguson (H. Greek).

Cross, Alexander (H. Latin, L. Greek).
Crum, Alexander William (L. Latin).
Davies, Miss Eirene (L. Latin, L. Greek).
Dick, William (English, I. Math., H. Latin. L. Greek).
Dinwoodie, James (English).
Dixon, William Sydney (H. Latin, L. Greek).
Donaldson, Henry James (English, H. Math., L. Latin. Dynamics).
Douglas, Robert (I. Math., Dynamics).
Duncan, John Pinkerton (Dynamics).
Dyer, Charles Henry (English, L. Latin).
Edward, William Alfred (English, H. Math., H. Latin., H. Greek).
Erskine, Robert (English, I. Math., L. Latin, H. Greek).
Falconer, John (L. Greek).
Farquharson, William H. S. (English, L. Latin).
Faulds, James (L. Greek).
Ferguson, Fergus (H. Greek).
Ferguson, John (English, H. Math., L. Latin. L. Greek).
Fraser, Ebenezer (English, L. Latin, Dynamics).
Fraser, Miss Hannah H. (French).
Fraser, Miss Margaret Coats (French).
French, James Weir (English, Dynamics).
Fulton, William (H. Latin, H. Greek, French).
Gardner, Alexander Aitken (English, H. Math., H. Latin, H. Greek).
Gillies, Malcolm (English).
Girvan, Ritchie (H. Greek).
Graham, James (English).
Gray, John (H. Greek).
Hanson, John (English, L. Latin, L. Greek).
Haran, Thomas Smith (H. Greek).
Henderson, John Francis (Dynamics).
Henderson, Peter (H. Greek).
Howie, Robert Young (H. Math., H. Latin, Dynamics).
Jack, Robert Mackenzie (H. Math., L. Latin).
Johnston, Miss Lucy Perfect (H. Latin, French).
Kelly, Andrew M'Clanachan (English, H. Math., L. Greek).
Kerr, Andrew J. C. (English, I. Math., L. Latin, H. Greek).
Knox, Samuel (L. Math.).
Lamont, James (L. Greek).
Lindsay, Miss Margaret Elizabeth (H. Latin).
Lindsay, William Archibald (H. Math., L. Latin, L. Greek).
Lowe, Peter (H. Math., Dynamics).
Main, Archibald (I. Math., H. Greek).
Malloch, Miss Jane Esdon (L. Latin).
Marshall, William (H. Greek).
Matheson, Charles (L. Math., H. Greek).
Matheson, Duncan (H. Latin, H. Greek).
May, Miss Maude Gertrude (L. Latin).
Miller, Robert Bennett (Dynamics).
Montgomerie, David (Dynamics).
Moore, Vere Elliott (L. Latin).
Morrison, Angus John (H. Greek).
Morrison. Duncan (I. Math., L. Latin, L. Greek).
Morton, Thomas Edward (H. Latin).
Muir, James (English. H. Math., Dynamics).
Munro, Hugh (English, H. Math., Dynamics).
Murray, Arthur Erskine (English, H. Latin, H. Greek).

Murray, Walter (English, H. Math., H. Latin, H. Greek).
M'Allister, William (English, I. Math., L. Latin).
M'Ara, Miss Jenny (French).
Macdonald, Henry (English, L. Latin, H. Greek).
M'Donald, Roderick Gray (English, H. Latin, L. Greek).
M'Dougall, Daniel Douglas (L. Latin).
MacFarlane, Selby (English, L. Latin).
M'Gill, Robert Wilson (H. Latin, H. Greek).
MacGregor, Gregor (H. Math., L. Latin, L. Greek).
M'Ilroy, Miss Jane Hamilton (English).
M'Iver, Murdoch (English, H. Math., L. Latin, L. Greek).
Mackay, Hector William (L. Latin, L. Greek).
Mackenzie, Alexander Ronaldson (L. Latin).
M'Kenzie, Ivy, (English, H. Math., H. Latin, L. Greek).
M'Laren, Robert (I. Math., L. Latin, L. Greek).
M'Lean, Donald (L. Latin, L. Greek).
M'Master, Æneas (English, L. Latin, L. Greek).
M'Millan, Miss Katharine Thomson (H. Latin, French).
M'Neill, John Victor (L. Greek).
Macphail, William (L. Math.).
M'Pherson, James (I. Math.).
M'Phun, Miss Margret P. (H. Latin).
Napier, Miss Hannah Lilburn (L. Latin, L. Greek).
Ogilvie, George (English, H Math., H. Latin, H. Greek).
Paterson, Andrew (English, L. Latin).
Paton, James (H. Math., Dynamics).
Patrick, James William (H. Greek).
Peattie, Henry Grant (L. Latin, L. Greek).
Philips, William (Glasgow) (English, H. Math., H. Latin, H. Greek).
Phillips, William (Galston) (H. Greek).
Pirret, Miss Ruth (English, H. Math., French, German).
Pollock, James Ferrier (English, L. Latin).
Rafferty, John (English).
Riddell, Andrew Lindsay, (I. Math., H. Latin, Dynamics).
Rule, Miss Helen Margaret (English, L. Latin).
Russell, William Clark (L. Latin).
Scott, William (English, H. Math., L. Latin, Dynamics).
Shaughnessy, Alexander (English, I. Math., H. Latin, L. Greek).
Shaw, Walter (L. Greek).
Sheriff, Charles Campbell (L. Greek).
Sinclair, Malcolm Alexander (H. Math., L. Latin).
Smith, Alexander MacEwen (L. Latin, L. Greek).
Smith, Archibald M'Laren (L. Latin).
Smith, David Baird (H. Latin, L. Greek).
Stephen, Alexander (L. Greek).
Stevenson, David (H. Latin).
Stevenson, William (H. Latin, L. Greek).
Stewart, Miss Jane Buchanan (H. Latin).
Stewart, John (English, L. Latin).
Stirling, Archibald (L. Latin, German).
Storrer, Alexander Currie (L. Latin, L. Greek).
Stratton, William (English, L. Math.).
Tannahill, Miss Constance (I. Math.).
Tannock, William (English, H. Math., L. Latin).
Taylor, Miss Elizabeth Pettigrew (H. Latin, Dynamics).
Taylor, William (L. Latin).

Turner, Robert Lister (H. Greek).
Vernal, Francis (English).
Walker, Miss Alice Rosalie (H. Math., Dynamics).
Wightman, William M'Caig (Dynamics).
Williams, Richard Robert (English, I. Math., H. Latin, L. Greek).
Williamson, Alexander (L. Latin).
Wilson, Alexander (H. Greek).
Wilson, James (H. Math., H. Latin, L. Greek).
Young, Charles Cameron (L. Latin).

April, 1895.

Abernethy, William (H. Math., L. Latin).
Adam, Henry Harper (H. Latin, H. Greek).
Aitchison, James Alexander (H. Latin, L. Greek).
Alley, Stephen (German).
Anderson, Norman Carrick (H. Math., H. Latin).
Arthur, Robert James (L. Math., L. Latin, Dynamics).
Atkinson, Miss Mabel (H. Math., H. Greek).
Bain, Alexander (H. Latin, L. Greek).
Bain, David (English, H. Latin, H. Greek).
Baird, William (H. Greek).
Barnes, Joseph (English, H. Latin).
Barton, John Williamson (English, H. Math., L. Latin).
Begg, William Henderson (H. Greek).
Beith, Peter (English, I. Math., L. Latin, L. Greek).
Bell, James Malcolm (English, H. Math., French).
Bell, Robert William (L. Math., L. Latin).
Black, Archibald Campbell (English, H. Latin, L. Greek).
Black, John Alexander (L. Latin, L. Greek).
Blair, Robert Bradburn (English, H. Latin).
Blue, Alexander (English, H. Math., L. Latin).
Blyth, Vincent James (English).
Bowie, John (H. Math., Dynamics).
Boyd, James (L. Math).
Brown, Alexander (H. Latin, L. Greek).
Burns, Alexander (H. Math., H. Latin).
Burr, Robert Alexander (English, I. Math., L. Greek, Dynamics).
Caird, William (English, Dynamics).
Caldwell, John Miller Hopkins (L. Latin, L. Greek).
Cappell, James (I. Math., H. Greek).
Carmichael, James (H. Math., H. Latin, L. Greek).
Chapman, Walter Bartlett (English).
Chisholm, John (H. Math., H. Latin, L. Greek).
Christie, John Cairns (H. Latin, L. Greek).
Clark, Robert Macfarlane (H. Math).
Cole, James Thomson (L. Latin).
Connor, William Morgan (L. Latin).
Core, William (H. Math., H. Latin, H. Greek).
Coubrough, Anthony Cathcart (I. Math., H. Latin, L. Greek).
Craig, James Ferguson (English, H. Math).
Cramb, Ernest Hamilton (L. Latin, L. Greek).
Crichton, Miss Marion Macfarlane (H. Greek).
Cross, Alexander (H. Greek).
Crum, Alexander William (I. Math., L. Latin, French).
Dick, William (H. Greek).
Dixon, William Sydney (English, L. Greek).

Donaldson, James Robertson (I. Math., L. Greek).
Douglas, Charles Rattray (H. Latin, H. Greek).
Dow, Samuel Hugh (L. Math., L. Latin).
Downie, Miss Jemima Wright (English, French).
Dyer, Charles Henry (H. Latin, Dynamics).
Elliot. Edward George (L. Latin).
Fairlie, John Miller (H. Latin, L. Greek).
Farquharson, William Henry Stuart (H. Math., H. Latin, Dynamics).
Faulds, James (H. Greek).
Ferguson, Mungo (H. Greek).
Fisher, Hugh Norman Everest (English, H. Math., L. Latin, Dynamics).
Frame, Robert (H. Math.).
Fraser, Arthur Chisholm (L. Latin, L. Greek).
Fraser, Ebenezer (H. Math.).
Fraser, Miss Hannah Hutcheson (English).
Fraser, James (L. Latin, L. Greek).
Fraser, Miss Margaret Coats (English).
French, James Weir (H. Math.).
Fulton, William (English).
Galbraith, George (English, L. Latin, L. Greek).
Gibson, Miss Agnes (English, French).
Gollan, Donald Charles (L. Latin, L. Greek).
Gray, Robert Whytlaw (H. Math., French).
Grieve, James Henry (English, H. Math.).
Haddow, Alexander (English. I. Math., L. Latin, Dynamics).
Hannah, Miss Elizabeth (English, H. Math., H. Latin).
Hanson, John (English, L. Math., H. Latin, H. Greek).
Harrison. Miss Dorothy (H. Math., L. Latin).
Harvey, Miss Margaret Arthur (English, French).
Hume, James (English, L. Math., L. Latin).
Jack, George (L. Math., H. Latin, L. Greek).
Johnston, John Baxter (H. Greek).
Jones, Richard (English, L. Latin).
Jordan, James William (English. L. Math., L. Latin).
Junner, Colin Kirkness (English, H. Latin, H. Greek).
Kelly, Miss Isobel Stewart (L. Latin).
Kerr, Andrew James Campbell (H. Latin).
Kirkland, Archibald (L. Latin).
Knox, Miss Agnes Chalmers (English, French).
Lindsay, Miss Margaret Elizabeth (H. Math., H. Latin).
Lindsay, Miss Susan Irvine Martin (English).
Lowe, Peter (English, French).
Mair, Miss Jeanie (English, H. Math., H. Latin, French).
Malloch, Miss Jane Esdon (I. Math).
Masterton, Robert Shaw (English, H. Latin, L. Greek).
Mather, Clifford (English, H. Math., German).
Matheson. Duncan (English. I. Math.).
Menzies, David (H. Math., L. Latin, Dynamics).
Menzies. William (English, I. Math., H. Latin, H. Greek).
Milne, John Neil (L. Greek, Dynamics).
Montgomerie, William (H. Greek).
Moore, Vere Elliott (H. Latin).
Morrison, Duncan (English, H. Latin, H. Greek).
Muir, James (French).
Muir, John (English. L. Math., H. Latin).
Murray, Miss Dorothy Noble Tennant (H. Greek).

Murray, Lewis Davidson (H. Latin).
M'Ara, Miss Jenny (English, L. Math., L. Latin).
M'Arthur, Arthur (L. Latin, L. Greek).
Macarthur, James Hardie (L. Latin, L. Greek).
Macaskill, John (L. Latin, L. Greek).
M'Clemont, Joseph (H. Latin).
M'Creadie, Anthony (English, H. Math., H. Latin, French).
MacDonald, James George (I. Math., H. Latin, H. Greek).
MacDonald, William Elder (H. Latin, L. Greek).
M'Dougall, Daniel Douglas (English, H. Math., H. Latin).
MacFarlane, Selby (H. Math., Dynamics).
M'Gill, Robert Wilson (English, I. Math.).
MacGregor, Gregor (H. Latin, L. Greek).
MacHardy, Miss Helen J. Christina (L. Latin, French).
M'Ilroy, Miss Isabella Beattie (I. Math.).
M'Iver, Murdoch (H. Latin).
M'Jannett, Miss Jane Ross Scott (L. Latin).
Mackay, Hector William (L. Latin, L. Greek).
M'Kenzie, Alexander Ronaldson (H. Latin).
M'Kenzie, Charles Stuart (H. Greek).
Mackenzie, James Alexander (L. Latin, L. Greek).
Mackintosh, James Semple (English, H. Latin).
M'Laren, Robert (L. Latin, L. Greek).
MacLeod, Donald (L. Latin, L. Greek).
M'Master, Æneas (L. Math., H. Latin).
M'Michael, Thomas (H. Greek).
M'Millan, Alexander M'Gaw (English, H. Math.).
M'Millan, Duncan Falconer (H. Latin, H. Greek).
MacMillan, Matthew Stobie Tait (L. Latin, L. Greek).
M'Neilage, John (English).
M'Neill, John Victor (English, L. Greek).
Macphail, William (I. Math., H. Latin).
Napier, Miss Hannah Lilburn (H. Latin, H. Greek).
Nimmo, James Valence (English, H. Math., L. Latin, Dynamics).
Paterson, Andrew (H. Math., L. Latin).
Patrick, Miss Isabella Cowan (English, I. Math.).
Peattie, Henry Grant (I. Math., H. Latin).
Pollock, James Ferrier (English, L. Latin, L. Greek).
Pryde, James Johnstone (L. Latin, L. Greek).
Raeburn, William Norman (English).
Rafferty, John (English, Dynamics).
Riddell, John (English, L. Math., H. Latin, Dynamics).
Risk, William John (H. Math., L. Latin, L. Greek).
Rule, Miss Helen Margaret (English, I. Math., H. Latin).
Russell, William Clark (H. Latin).
Rutherfurd, Miss Helen (H. Greek).
Scott, William (H. Latin).
Scouller, Andrew (English)
Sheriff, Charles Campbell (I. Math., L. Latin).
Sinclair, Malcolm Alexander (H. Latin).
Sladden, Miss Edith Marian (English, I. Math.).
Smart, Lewis Anderson (English).
Smith, Alexander MacEwen (L. Latin, L. Greek).
Smith, Andrew (English, H. Math., German, Dynamics).
Smith, David Baird (English, L. Math.).
Stephen, Alexander (H. Greek).

Stevenson, William (L. Greek).
Storrer, Alexander Currie (L. Latin).
Stratton, William (L. Latin).
Swan, John Arthur Laing (English, I. Math., H. Latin, H. Greek).
Tannahill, Miss Agnes Mary (English, L. Greek).
Tannock, William (H. Latin, Dynamics).
Thumm, William Frederick (H. Math.).
Vernal, Francis (H. Math., H. Latin).
Wallace, Hugh (English, French, Dynamics).
White, Robert George (L. Latin).
Whiteford, Robert (H. Latin, L. Greek).
Williams, Owen Richard (English).
Williams, Richard Robert (L. Greek).
Williamson, Alexander (French).
Wilson, Alexander Cunningham (L. Latin, French).
Wilson, James Young (English, H. Greek).
Wright, Thomas Grieve (English, H. Math., H. Latin, H. Greek).
Wylie, Miss Jessie Reid (English, L. Math., French).
Young, Peter Taylor (English, I. Math., L. Latin, L. Greek).
Yuill, Miss Isobel (English, I. Math., L. Greek, German).

PRELIMINARY EXAMINATION FOR DEGREES IN MEDICINE.

The following Candidates passed :—

October, 1894.

Cameron, Isabella D.
Cameron, Samuel J.
Clark, Robert.
Dick, James.
Duncan, John P.
Eadie, George B.
Fleming, Marjorie K. H.
Forsyth, Thomas.
Fraser, Alexander.
Fraser, Matthew.
Gardner, George.
Gillespie, Edward.
Gregor, John.
Harrington, Archibald W.
Hunter, Matthew.
Longwill, David.
Miller, Hugh.
Miller, Norman M.
Maclean, Charles F.
MacLeod, Norman F.
M'Neill, Ina L.
Patrick, James.
Steven, Peter A.
Stewart, Agnes C.
Taylor, Gertrude F. F.
Townley, Joseph S.
Venters, Anne L.
Vost, Arthur.
Wildish, George H.
Wright, William.
Zamir-uddin, Syed.

April, 1895.

Anderson, Adolph.
Armitage, William.
Bathgate, Thomas T.
Britten, Janet.
Brown, Harry E.
Campbell, Gertrude J.
Craig, William S.
Despard, Francis G.
Douglas, John C.
Drinkwater, Frederick A.
Farrar, William W.
Findlay, Leonard.
Forrest, Gavin.
Fyfe, David.
Garrey, Gilbert.
Gourlay, James D.
Gunson, Charles H.
Hagerty, John A.
Harlan, George P.
Henry, James M.
Hope, Charles M.
Howden, Catherine S.

Johnston, Lambert.
Kerr, William B.
Laidlaw, James D.
Lang, William O.
Leitch, Alexander.
Lickley, James D.
Livingston, Donald M.
Logan, Alexander.
Mair, Andrew.
Milne, James H.
Morrison, William.
Macarthur, Malcolm J.
M'Feat, Walter J.
Mackinnon, James.
Pirret, Mary.
Prentice, James N.
Reid, Peter M.
Richards, Maud A.
Ritchie, Margaret M.
Ritchings, Mary A. T.
Ross, Edward H.
Shannon, David.
Smith, Elizabeth H.
Smith, Hugh B. W.
Smith, James W.
Stewart, Andrew.
Strathearn, John.
Trestrail, Algernon G.
Turnbull, James C.
Unsworth, John.
Waugh, Peter M.
Wilson, David W.
Wilson, William W. W.
Wylie, William R.

BURSARY EXAMINATION.

October, 1894.

The figure (2) denotes Students of the second year.

The following Candidates distinguished themselves in the competition, viz. :—

1. Peter W. Monie (2), Irvine Royal Academy.
2. Hugh Brown, Paisley Grammar School.
3. Robert M'Ewan (2), Paisley Grammar School.
4. William H. Begg, Glasgow Academy.
5. Robert D. Bell (2), Kilblain Academy, Greenock.
6. Walter Murray, Allan Glen's School, Glasgow.
7. John Murphy (2), Lanark Grammar School.
8. James Sheridan, Paisley Grammar School.
9. John Harvey, Ayr Academy.
10. John Copeland, High School, Glasgow.
11. Gordon B. Nielson, Kelvinside Academy, Glasgow.
12. David L. Blair (2), Garnethill Public School, Glasgow.
13. William A. Edward, Pupil Teachers' Institute, Glasgow.
14. James C. Ker (2), Irvine Royal Academy.
15. Thomas Craig (2), Spiers' School, Beith.
16. Hugh R. Buchanan, High School, Glasgow.
17. Harry Diamond, High School, Glasgow.
18. William Marshall, Hutchesons' Grammar School, Glasgow.
19. Alexander A. Gardner, Hamilton Crescent Public School, Partick.
20. William Philips, Kelvinside Academy, Glasgow.
21. William Fulton (2), Campbellfield Public School, Glasgow.
22. James M'Pherson, High School, Glasgow.
23. Ritchie Girvan, Garnethill Public School, Glasgow.
24. Robert Aitken, Irvine Royal Academy.
25. Thomas M. Campbell, Garnethill Public School, Glasgow.
26. James W. Patrick (2), Ayr Academy.
27. David S. Paterson, High School, Stirling.
28. George Ogilvie, Kilmarnock Academy.
29. Thomas Steele, Lanark Grammar School.
30. David Bain, High School, Stirling.

31. John Gardner, Hutchesons' Grammar School, Glasgow.
32. John B. Johnston (2), St. John's Grammar School, Hamilton.
33. Thomas Pullar, Perth Academy.
34. Archibald Main, Garnethill Public School, Glasgow.
35. James Faulds, Garnethill Public School, Glasgow.
36. James Wilson, Gartsherrie Academy, and High School, Glasgow.
37. James G. Liddell (2), High School, Glasgow.
38. Charles Matheson, Aberdeen Grammar School.
39. Peter Auchinachie (2), High School, Falkirk.
40. Alexander C. M. Macrae (2), Raining's School, Inverness.
41. Matthew Babington, Irvine Royal Academy.
42. Fergus Ferguson, High School, Glasgow.
43. Henry G. Webber (2), Garnethill Public School, Glasgow.
44. William G. Burn, Hutchesons' Grammar School, Glasgow.
45. Andrew Macfarlane (2), St. John's College, Preston.
46. Peter Henderson, High School, Glasgow.
47. Ivy M'Kenzie (2), Killearn Public School.
48. Arthur E. Murray, Kelvinside Academy, Glasgow.
49. Robert W. M'Gill (2), Abbotsford Public School, Glasgow.
50. Robert M. Dickson, High School, Glasgow.
51. Henry H. Adam, South Public School, Paisley.

UNIVERSITY PRIZES.

I. FOR ESSAYS.

1. In Mental Philosophy, the UNIVERSITY SILVER MEDAL, for the Best Essay on "The Beautiful and the Sublime."
Mary Campbell Crum, Thornliebank.

2. The EWING GOLD MEDAL, for the Best Essay on "Louis Kossuth."
John Roy Tannahill, Paisley.

3. A WATT PRIZE OF TEN POUNDS, for an Essay on "The Liquefaction of Gases."
William Craig Henderson, M.A., Glasgow.

4. A WATT PRIZE OF TEN POUNDS, for an Essay on "The Liquefaction of Gases."
James Moffat, Southend, Campbeltown.

5. A COULTER PRIZE OF FIVE POUNDS, for the Best Sermon on the text—"Prove all things: hold fast that which is good," 1 Thess. v. 21.
John Lamb Harvey, Aberdeen.

6. A COULTER PRIZE OF FIVE POUNDS, for the Best Greek Dialogue on the following subject:—Euripides asserts that orators, generals, and all who practise their trades in public become vain, like acrobats and actors, and are more set upon winning applause than upon doing good work. Nicias denies this; Socrates examines it.
William Gregory Bell, Greenock.

7. The RAE WILSON GOLD MEDAL, for the Best Essay on "Recent Views as to the Resurrection of Jesus Christ."
George Gordon Duncan, M.A., Bridge-of-Weir.

8. The HENDERSON PRIZE OF TWENTY GUINEAS, for the Best Essay on "The Province of Legislation in reference to the Christian Sabbath."
William Boyd, Kilmarnock.

II. FOR EXAMINATION.

1. An ARNOTT PRIZE of £15, for Examination in General Physics, open to Students of the first and second years of their Medical Studies.

John James Buchan, Cleland, Lanarkshire.

2. An ARNOTT PRIZE of £25, for Examination in Physiological Physics, open to Students of the third and fourth years of their Medical studies.

John Souttar M'Kendrick, Glasgow.

3. The FINDLATER (DIVINITY) SCHOLARSHIP, value £38, for Examination in the subjects for the Degree of B.D.

John Mack, M.A., Baillieston.

4. The JAMIESON PRIZE, value £10, for Examination in the subjects for the Degree of B.D.

Francis G. Geddes, M.A., Dumfries.

5. The MACFARLAN AND COOK TESTIMONIAL PRIZE of £21, open to Theological Students of three years' standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

John Mack, M.A., Baillieston.

6. The LUKE HISTORICAL PRIZE of £10, for the best Examination in Ancient Greek and Roman History.

Gavin Scott, Lanarkshire.

7. The THOMAS LOGAN MEDAL AND PRIZE of £12 to the most distinguished Graduate in Arts of the year (1894).

Henry Noel Brailsford, M.A., with First-Class Honours in Logic and Moral Philosophy, and Second-Class Honours in Latin and Greek.

8. The BRUNTON MEMORIAL PRIZE of £10, to the most distinguished Graduate in Medicine in the year (1894).

Alexander MacLennan, M.B., C.M.

CLASS PRIZES.

Faculty of Theology.

DIVINITY.

Professor William P. Dickson, D.D., LL.D.

SENIOR CLASS.

I. Students of the Third Year:—

For Excellence in Written Examinations.

1. George G. Duncan, M.A., Bridge of Weir.
2. Donald Macgillivray, M.A., Mull.
3. John Mack, M.A., Baillieston.
4. John Baillie Craig, M.A., Irvine. } Equal.
   Charles W. Hutcheson, M.A., Glasgow. }
5. John Mackechnie, Oban.

II. Students of the Second Year :—

For Excellence in Written Examinations.

1. John M. Dickie, M.A., Kilmarnock. } Equal.
   Gavin L. Pagan, Bothwell. }
2. Andrew M. Barr, Glasgow.
3. John S. Morrison, Kirkintilloch.
4. John N. Macdonald, Motherwell.

Dowanhill Prizes of £21 and £10 10s. for Elocution.

1. Alfred Brown, Paisley.
2. John Baillie Craig, M.A., Irvine. } Equal.
   George S. Yuille, M.A., Bothwell. }

JUNIOR CLASS.

III. Students of the First Year :—

1. David G. Webster, M.A., Helensburgh.
2. John L. Tulloch, M.A., Glasgow.
3. Walter G. Forsyth, Falkirk.

DIVINITY AND BIBLICAL CRITICISM.

Professor William Stewart, D.D.

I. Written Examinations :—

SENIOR DIVISION.

1. George G. Duncan, M.A., Bridge of Weir.
2. Charles W. Hutcheson, M.A., Glasgow.
3. Francis G. Geddes, M.A., Dumfries.

Proxime accesserunt—John Mack, M.A., Baillieston ; Donald Macgillivray, M.A., Mull.

JUNIOR DIVISION.

1. Gavin L. Pagan, Bothwell.
2. John M. Dickie, M.A., Kilmarnock.
3. Andrew M. Barr, Glasgow.

Proxime accessit—John H. H. M'Neill, M.A., Glasgow.

II. Essays :—

1. George G. Duncan, M.A., Bridge of Weir.
2. Robert H. Coats, M.A., Paisley.
3. Francis G. Geddes, M.A., Dumfries.

Proxime accesserunt—Allan M. Nelson, Glasgow ; John H. H. M'Neill, M.A., Glasgow ; Andrew M. Barr, Glasgow.

HEBREW AND SEMITIC LANGUAGES.

Professor James Robertson, D.D.

I. JUNIOR HEBREW CLASS.

1. Andrew Watt, M.A., Strathaven.
2. John L. Tulloch, M.A., Glasgow.
3. Andrew B. Scott, Glasgow.
4. William J. N. Service, M.A., Glasgow.
5. Robert B. Wiseman, Caldercruix.

6. John S. Leishman, M.A., Glasgow.
7. Samuel L. Fulton, Glasgow.

Next in Order of Merit—Alexander O. Taylor, M.A., Glasgow; Donald J. Robertson, Broadford, Skye; Samuel H. M'Ewing, Tollcross; John Twaddle, Hamilton; Alexander Robertson, Galston.

II. SENIOR HEBREW CLASS.

1. John H. H. M'Neill, M.A., Glasgow.
2. John M. Dickie, M.A., Kilmarnock.
3. Robert H. Coats, M.A., Paisley.
4. John G. Cranmer, M.A., Milngavie.
5. { John S. Morrison, Kirkintilloch. } Equal.
   { Robert C. Richardson, Wishaw. }

Next in Order of Merit—Gavin L. Pagan, Bothwell; James Eadie, M.A., Glasgow; Hugh T. S. Morrison, M.A., Dalry; David G. Webster, M.A., Helensburgh.

III. ARABIC CLASS.

Francis G. Geddes, M.A., Dumfries.

IV. SPECIAL PRIZES.

1. For an Original Composition in Hebrew—Francis G. Geddes, M.A., Dumfries.

2. For Summer Reading, Senior Division—Francis G. Geddes, M.A., Dumfries; John Mack, M.A., Baillieston.

3. For Summer Reading, Junior Division—John M. Dickie, M.A., Kilmarnock.

4. For an Essay on Subject of Special Lectures to Divinity Students—John H. H. M'Neill, M.A., Glasgow.

CHURCH HISTORY.

PROFESSOR ROBERT HERBERT STORY, D.D.

JUNIOR CLASS.

1. David G. Webster, M.A., Helensburgh.
2. John L. Tulloch, M.A., Glasgow.
3. William J. N. Service, M.A., Glasgow.
4. Robert M. Hardie, M.A., Glasgow.

Proxime accesserunt—Robert H. Coats, M.A., Paisley; Alexander O. Taylor, M.A., Glasgow; Andrew Watt, M.A., Strathaven.

SENIOR CLASS.

1. George G. Duncan, M.A., Bridge of Weir.
2. George A. Stalker, M.A., Argyllshire.
3. Donald Macgillivray, M.A., Mull.
4. { John Mackechnie, Oban. } Equal.
   { Andrew E. Wallace, M.A., Ayr. }
5. John M. Mack, M.A., Baillieston.
6. Robert Wilson, Dreghorn.

Proxime accesserunt—Guy S. Peebles, M.A., Airdrie; John D. Carmichael, Glasgow; John C. M'Naught, M.A., Glasgow; John B. Craig, M.A., Irvine; John M'Callum, Tayinloan.

Faculty of Law.

SCOTS LAW.

PROFESSOR ALEXANDER MOODY STUART, LL.D.

I. For Eminence in the Class Examinations :—

1. *John Hood Ross (Robert Ross Prize).
2. *Malcom Dunlop, M.A. (Dean of Faculty's Prize).
   *James Duncan Robertson, M.A. } Equal.
4. *John Bartholomew, M.A.
5. *Thomas Dunlop Laird.
   *John Aiton Todd. } Equal.
7. Alfred James Fleming, M.A.
   Francis Beauchamp Graham. } Equal.
9. John Roy.
10. Gavin Anderson.
11. James Hill Tennent.
12. Adam Aitken.
13. Hugh Pattison Macmillan, M.A.
14. John Falconer.
    Alexander M'Omish. } Equal.
16. John Harrison.
    John Hay. } Equal.

The * denotes the Prizemen.

II. The Prizes given by the Faculty of Procurators in Glasgow for Eminence in a Special Examination in the Subjects of the Course were awarded to :—

1. Thomas Dunlop Laird.
2. John Hood Ross.
3. John Aiton Todd.
4. Malcom Dunlop, M.A.
5. James Duncan Robertson, M.A.
6. John Bartholomew, M.A.
7. Francis Beauchamp Graham.

The following Students distinguished themselves in this Examination, viz. :—

8. Hugh Pattison Macmillan, M.A.
   James Hill Tennent. } Equal.
10. Gavin Anderson.
    Alfred James Fleming, M.A. } Equal.

CONVEYANCING.

PROFESSOR JAMES MOIR.

Ordinary Class Examinations.

Prizemen :—

1. John F. Robertson, Kilmarnock (Robert Ross Prize).
2. Jerome Dennison, Orkney (Dean of Faculty's Prize).
3. Louis Blair, Port-Glasgow.
4. Thomas T. Barrie, Strathaven.

Eminently Distinguished :—

5. Leonard C. Boyd, Ayr.
6. Archibald C. Morrison, M.A., Paisley.

7. James Knox, Govan.
8. Joseph Macnaughtan, M.A., Bearsden.
9. Alexander M'Cutcheon, Partick.
10. William C. Buchanan, Tarbolton.
11. Charles W. Brown, Maybole.
12. John Dundas, Hillhead, Glasgow.
13. Alexander C. Turner, Glasgow.
14. Robert Maccallum, Glasgow.
15. Ronald Macdonald, Portree.

Examination for Prizes given by the Faculty of Procurators in Glasgow:—

Prizemen:—

1. John F. Robertson, Kilmarnock.
2. Jerome Dennison, Orkney.
3. Louis Blair, Port-Glasgow.
4. Thomas T. Barrie, Strathaven.

Eminently Distinguished:—

5. Charles W. Brown, Maybole.
6. Leonard C. Boyd, Ayr.
7. James Knox, Govan.
8. Alexander M'Cutcheon, Partick.
9. Ronald Macdonald, Portree.
10. William C. Buchanan, Tarbolton.
11. James A. M. Hill, Dingwall.

CIVIL LAW.

LECTURER—JAMES M. IRVINE, M.A., B.Sc., LL.B., ADVOCATE.

1. { *Robert S. Brown, M.A. } Equal.
   { *Thomas R. Anderson. }
3. *Allan M. Smith, M.A.
4. Alexander M. MacRobert.
5. Archibald H. Charteris, M.A.
6. Laurence R. Brown, M.A.

The * denotes the Prizemen.

PUBLIC INTERNATIONAL LAW.

LECTURER—WILLIAM GALBRAITH MILLER, LL.B., ADVOCATE.

Prizes awarded for (1) an Essay on "The Conduct of the Belligerents in the Peninsular War"; and (2) an Examination on Hall's *International Law.*

1. John Russell Aitken, M.A., Glasgow.
2. Samuel Macfie, M.A., Glasgow.

The following gentlemen were first in the Written Examination, but did not send in essays:—

1. Robert Bryce Walker, M.A., Glasgow.
2. David P. Fleming, Glasgow.
3. Alexander M. Hamilton, M.A., Glasgow.

CONSTITUTIONAL LAW AND HISTORY.

Summer Session, 1894.

LECTURER—ROBERT T. YOUNGER, LL.B., ADVOCATE.

1st Prize—Robert Bryce Walker, M.A.
2nd Prize—Harry Lumsden, M.A., B.L.

Winter Session, 1894-95.

LECTURER—WILLIAM S. M'KECHNIE, LL.B.

(*a*) Whole Course.

1. Robert Scott Brown, M.A. (1st Prize).
2. Archibald H. Charteris, M.A. (2nd Prize).
3. Alexander M. MacRobert.
4. John Shaughnessy.

(*b*) Half Course.

Allan M. Smith, M.A.

Faculty of Medicine.

FORENSIC MEDICINE.

Summer Session, 1894.

PROFESSOR P. A. SIMPSON, M.A. (Cantab.), M.D.

WILLIAM HUNTER MEDAL—Alexander H. Stewart.

FIRST-CLASS CERTIFICATES OF MERIT (alphabetically arranged).

William S. Cook, B.Sc.
James M'Clure.
John Knight.
William Scobie, B.D.
Archibald Young, B.Sc.

SECOND-CLASS CERTIFICATES OF MERIT (alphabetically arranged).

John L. Anderson.
Robert Buchanan, M.A., B.Sc.
William Lawson.
John M. W. Morison.
Alexander M'Lennan.
Alexander Macphail.
Henry A. Watson, M.A.
Malcolm Watson.

MIDWIFERY AND DISEASES OF WOMEN.

1893-4.

PROFESSOR MURDOCH CAMERON, M.D.

MEDALLIST—Alexander Macphail.

FIRST-CLASS CERTIFICATES (alphabetically arranged).

Hugh B. Currie.
Archibald S. Dick.
Robert Howie.
Robert Morton,
William E. Macharg.
Alexander MacLennan.
Alexander Macphail.
Cuthbert Nairn.
James C. Robertson, M.A., B.Sc
James D. O. Wilson.

SECOND-CLASS CERTIFICATES (alphabetically arranged).

Thomas Armstrong.
John Brownlee, M.A.
Edward N. Burnett.
William S. Cook, B.Sc.
James Forrester.
James F. Gemmill, M.A.
William Grove.
David Ligat.
John Morrison.
John Murray.
Moses N. MacLay.
Archibald N. M'Lellan.
James C. M'Neillie.
Hugh B. S. Nisbet.
Hugh Riddell.

MIDWIFERY.

PROFESSOR MURDOCH CAMERON, M.D.

1894-95.

MEDALLIST—Joshua Ferguson, M.A.

FIRST-CLASS CERTIFICATES (alphabetically arranged).

Robert B. Barr.
Samuel D. Cowan, M.A.
Joshua Ferguson, M.A.
William Lawson.
Robert K. Miller.
Donald Munro.
Duncan M'Donald.
Henry A. Pattullo.
William Scobie, B.D.
Alexander Stevenson.
Alexander H. Stewart.
Ernest A. Walker, M.A.
Herbert K. Wallace, B.Sc.
Archibald Young, B.Sc.

SECOND-CLASS CERTIFICATES (alphabetically arranged).

William Alexander.
Thomas Armstrong.
Thomas Bell.
Thompson Campbell.
Frederick B. Cormick.
John Divine.
James R. Foulds.
John A. Hope.
John Knight.
Adam C. Muir.
James A. D. Mulholland.
Edward J. Primrose, M.A.
Samuel Prior.
Henry S. Watson, M.A.
Malcolm Watson.

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR MATTHEW CHARTERIS, M.D.

FIRST-CLASS CERTIFICATES (in order of merit).

MEDALLISTS— { John S. M'Kendrick. }
{ James M'Queen, M.A. } Equal.

Norman E. H. Scott.
James S. Ormond. }
James D. Cochran. } Equal.
Joseph A. Clarke. }
James Rankin, B.Sc. } Equal.
Francis J. Charteris.
Hugh Borland. }
David L. Cairns. } Equal.
Andrew C. Wilson, B.Sc.

SECOND-CLASS CERTIFICATES (in order of merit).

James Alston. }
Hugh M'Intyre. }
Norman Macnair, B.Sc. } Equal.
Donald S. Sutherland. }
William G. Liston.
Angus C. M. Macrae.
William S. Paterson. }
Samuel M. Sloan. } Equal.
Thomas Hunter, M.A.
Lawrence W. Harrison.
Walter S. Findlay, M.A. }
Joseph M. Corbett. } Equal.
William Brown.

PRACTICAL PHARMACY.

Summer Session, 1894.

PROFESSOR MATTHEW CHARTERIS, M.D.

WILLIAM HUNTER MEDALS AND FIRST-CLASS CERTIFICATES.

I. { James D. Cochran.
{ Norman E. H. Scott.

FIRST-CLASS CERTIFICATES (in order of merit).

2. James M‘Queen, M.A.
3. Archibald Young, B.Sc.
4. Andrew Clark.
5. Joseph M. Corbett.
   James Alston.
6. Hugh Borland.
7. James S. Ormond.
8. David L. Cairns.
9. Francis J. Charteris.
   George Clark.
10. William M. Lindsay.
    Hugh M‘Intyre.

SECOND-CLASS CERTIFICATES (in order of merit).

11. Peter L. L. Craig, M.A.
    Thomas Hunter, M.A.
12. Donald S. Sutherland.
13. John Wotherspoon.
    Joseph M‘Gowan.
14. Murdoch Macdonald.
    Charles K. Toland.
15. Walter L. Thomson.
    Thomas B. Garvie.
16. Matthew L. Taylor.
    Andrew B. Murray.
17. Samuel D. Cowan, M.A.
    Lawrence W. Harrison.

PRACTICE OF MEDICINE.

PROFESSOR WILLIAM T. GAIRDNER, M.D., LL.D., F.R.S.

MEDALLIST—Joshua Ferguson, M.A., Glasgow.

FIRST-CLASS CERTIFICATES (in order of merit).

Alexander H. Stewart, Glasgow.
Arthur D. Ketchen, Middlesboro'.
Herbert K. Wallace, B.Sc., Hamilton. Equal.
Peter L. L. Craig, M.A., Dumbarton.

SECOND-CLASS CERTIFICATES (in alphabetical order).

Thomas Bell, Airdrie.
John T. Bowie, Kirkwall.
Robert Buchanan, M.A., B.Sc., Ayr.
Thompson Campbell, Glasgow.
John L. Carstairs, M.A., Glasgow.
Robert Carswell, M.A., Glasgow.
George Coats, Paisley.
James R. Foulds, Stewarton.
Thomas C. Garrett, Isle of Man.
Samuel Prior, Cumberland.
Anthony Vost, Glasgow.
Albert S. Worton, Glasgow.
William H. de Wytt, France.
Archibald Young, B.Sc., Glasgow.

CLINICAL MEDICINE.

PROFESSOR WILLIAM T. GAIRDNER, M.D., LL.D., F.R.S.

MEDALLISTS—Thompson Campbell, Glasgow.
John Gillan, M.A., Renfrewshire. Equal.

FIRST-CLASS CERTIFICATES (in order of merit).

Henry A. Watson, M.A., Glasgow. | Joshua Ferguson, M.A., Glasgow.
Peter L. L. Craig, M.A., Dumbarton.

Special Prize for Notes of Lectures and Clinical Demonstrations during Winter Session, 1894-95—

Thompson Campbell, Glasgow.

During the Summer Session, 1894, a Special Prize for Notes of Lectures and Clinical Demonstrations was awarded to—

John Anderson, Glasgow.

SECOND-CLASS CERTIFICATES (in alphabetical order).

Samuel Anderson, B.Sc., Armagh, Ireland.
Thomas Bell, Airdrie.
Samuel D. Cowan, M.A., Kirkintilloch.
James R. Foulds, Stewarton.
Adam C. Muir, Glasgow.
Lewis MacLachlan, Glasgow.
Hugh M'Laren, Glasgow.
Anthony Yost, Glasgow.

CLINICAL MEDICINE.

PROFESSOR THOMAS M'CALL ANDERSON, M.D.

Summer Session, 1894.

SENIOR DIVISION.

FIRST-CLASS CERTIFICATES (in order of merit).

1. Cuthbert Nairn.
2. Robert Howie.
3. Thomas J. Forbes.
   John Murray.
4. Edward N. Burnett.
5. John Gordon.
   John Reid.

JUNIOR DIVISION.

CERTIFICATE OF HIGHEST DISTINCTION.
Arthur D. Ketchen.

FIRST-CLASS CERTIFICATES (in order of merit).

1. William Martin, M.A.
   Donald Munro.
   Herbert K. Wallace, B.Sc.
2. John S. M'Kendrick.

Winter Session, 1894-95.

SENIOR DIVISION.

MEDALLIST—Robert M. Fraser, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

1. Robert Howie.
2. Donald Munro.
3. John H. Douglas.
4. David C. Kirkhope.
5. Angus M. M'Intosh.
   John B. Rae.

JUNIOR DIVISION.

MEDALLIST—Herbert K. Wallace, B.Sc.

FIRST-CLASS CERTIFICATES (in order of merit).

1. David L. Cairns.
2. Robert Scott.
3. George Hanson.
4. James M'Queen, M.A.

SURGERY.

PROFESSOR WILLIAM MACEWEN, M.D., LL.D.

SENIOR DIVISION.

MEDALLISTS—Joshua Ferguson, M.A.
Archibald Young, B.Sc.

FIRST-CLASS CERTIFICATES (in order of merit).

William Scobie, B.D. } Equal.
Samuel Prior. }
Robert Howie.
John A. Hope.
Robert B. Barr.
Alexander H. Stewart.
Ernest A. Walker, M.A.
William Lawson.

COMMENDED (in order of merit).

Malcolm Watson.
Archibald R. Oliver.
John L. Anderson.
James Eric Wilson.
Edward J. Primrose, M.A.
John Anderson.

JUNIOR DIVISION.

MEDALLIST—Henry A. Watson, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

George Coats.
Robert K. Miller.
Samuel Anderson, B.Sc.

COMMENDED (in order of merit).

Thomas Bell.
William Macleod. }
Adam C. Muir. } Equal.
Alfred P. B. Ellis. }
Peter L. L. Craig, M.A.
Thomas O. Speirs.
Albert S. Worton.

CLINICAL SURGERY.

PROFESSOR WILLIAM MACEWEN, M.D., LL.D.

SENIOR DIVISION.

MEDALLIST—William Burns.

FIRST-CLASS CERTIFICATES (in order of merit).

Hugh W. Thomson.
John A. Hope. } Equal.
Henry A. Patullo. }
Arthur R. Anderson.

COMMENDED (in order of merit).

Harry C. Patrick.
John Anderson.
Archibald R. Oliver.
Malcolm Watson.

JUNIOR DIVISION.

MEDALLIST—Archibald Young, B.Sc.

FIRST-CLASS CERTIFICATES (in order of merit).

William Lawson.
Albert S. Worton. } Equal.
Alfred P. B. Ellis. }

COMMENDED (in order of merit).

Robert B. Barr.
Matthew Dunning.
Thomas C. Garrett.
Alexander Stevenson.
Ernest A. Walker, M.A.
William Scobie, B.D.
John W. Jackson.

SPECIAL CERTIFICATES—absent one examination (in order of merit).

Robert K. Miller.
Samuel Prior.
Alexander H. Stewart.
Thomas Baxter.

CLINICAL SURGERY.

Professor George Buchanan, M.A., M.D., LL.D.

SENIOR DIVISION.

UNIVERSITY MEDAL—William G. Liston.

FIRST-CLASS CERTIFICATES.

William Allen.
James Butler.
Francis J. Charteris.

JUNIOR DIVISION.

UNIVERSITY MEDAL—Hugh Borland.

FIRST-CLASS CERTIFICATES.

John Aitken.
James Barrowman.
Kenneth M. Duncan.
William Duncan.
John Henderson.
John W. Little.
David M'Kail.
John L. Simpson.

PHYSIOLOGY.

Professor John Gray M'Kendrick, M.D., LL.D., F.R.S.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE—
John Aitken.

FIRST-CLASS CERTIFICATES.

Walter Colquhoun, M.A.
John Crow.
Archibald Jubb.
John A. C. Macewen.
William Hart Steel, B.A.

SECOND-CLASS CERTIFICATES (in order of merit).

James A. Mitchell.
Arthur J. Ballantyne.
John J. Buchan.
Robert Fullarton, M.A.
William Duncan.
Robert F. Ballantyne.
Kenneth M. Duncan.

ADVANCED PRACTICAL PHYSIOLOGY FOR B.Sc.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE—
John Crow.

FIRST-CLASS CERTIFICATE.

Thomas Hunter, M.A.

PRACTICAL PHYSIOLOGY.

Summer, 1894.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE—
Thomas Hunter, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

George Coats.
Joseph M. Corbett.
James Alston.
David L. Cairns.
John A. C. Macewen.
James M'Queen, M.A.

SECOND-CLASS CERTIFICATES (in order of merit).

William G. Liston.
James D. Cochran.
Archibald Jubb.
Anderson G. M'Kendrick.
William M. Lindsay.
John L. Simpson.
John Crow.

FOR BEST SET OF MOUNTED SPECIMENS.

Walter Colquhoun, M.A.

ANATOMY.

PROFESSOR JOHN CLELAND, M.D., LL.D., D.Sc., F.R.S.

SENIOR CLASS.

MEDAL—William Webster.

FIRST-CLASS CERTIFICATES (in order of merit).

Robert Fullarton, M.A.
Kenneth M. Duncan. } Equal.
Alexander Matheson. }
Arthur J. Ballantyne. } Equal.
John W. Leitch, M.A. }

SECOND-CLASS CERTIFICATES (in order of merit).

Alexander Garrow.
David S. Harvey.
Roderick R. Macnicol, M.A.
William Duncan.
Alexander M. Lindsay.
John J. Buchan.
James S. Ormond.

JUNIOR CLASS.

MEDAL—Archibald Jubb.

FIRST-CLASS CERTIFICATE—George Gardner.

SECOND-CLASS CERTIFICATES (in order of merit).

John Craig.
William Crerar.
Peter D. Strachan, M.A.
Thomas M. Strang.

EMBRYOLOGY.

Summer, 1894.

LECTURER—JOHN YULE MACKAY, M.D.

PRIZES.

1. William Martin, M.A.
2. Thomas Hunter, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

James Alston.
Hugh Calderwood.
Norman Macnair.

SECOND-CLASS CERTIFICATES (in order of merit).

David M'Kail.
Walter S. Findlay, M.A.
George Coats.
George Clark.
James D. Cochran.
James M'Queen, M.A.

NATURAL HISTORY.

Professor John Young, M.D.

ZOOLOGY.

SECOND-CLASS CERTIFICATES.

Alexander L. Watson, M.A.
Henry T. Roberts.

PRACTICAL ZOOLOGY.

Summer, 1894.

WILLIAM HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.
William Webster.

SECOND-CLASS CERTIFICATE.
Robert Fullarton, M.A.

Winter, 1894-95.

SECOND-CLASS CERTIFICATE.
Isaac M. Huey.

GEOLOGY.

WILLIAM HUNTER MEDAL—Adam G. Whyte.

FIRST-CLASS CERTIFICATES.

Adam G. Whyte.
Gilbert Buchanan, B.D.
Charles W. Thomson.

SECOND-CLASS CERTIFICATE.
William J. Goudie.

BOTANY.

Professor F. O. Bower, Sc.D., F.R.S.

SECOND-CLASS CERTIFICATES.

John R. Currie, M.A.
Alexander Matheson.
David S. Harvey.

PRACTICAL CLASS.

MEDAL—John R. Currie, M.A.

FIRST-CLASS CERTIFICATE—John W. Leitch, M.A.

SECOND-CLASS CERTIFICATES.

Thomas M. Strang.
Percival A. Mitchell.
William Duncan.
Alexander Matheson.

HERBARIUM PRIZE—(Not awarded).

CHEMISTRY—Practical Class.

Summer, 1894.

Professor John Ferguson, M.A., LL.D., F.S.A.

JOSEPH BLACK MEDAL—Frederick E. Stokes.

FIRST-CLASS CERTIFICATES.

John Henderson.
Isaac M. Huey.
Frederick E. Stokes.

SECOND-CLASS CERTIFICATES.

James S. Beveridge.
Daniel Grant.
Nicol Jamieson.
John W. Leitch, M.A.
David Littlejohn.
Percival A. Mitchell.
Robert Niven.
William M. Rae.
Joseph W. Scott.

CHEMISTRY.

PROFESSOR JOHN FERGUSON, M.A., LL.D., F.S.A.

JOSEPH BLACK MEDAL AND FIRST-CLASS CERTIFICATE.

Henry T. Roberts.

PRACTICAL PATHOLOGY.

Summer, 1894.

LECTURER—JOSEPH COATS, M.D.

JOHN HUNTER MEDAL—Archibald Young, B.Sc.

FIRST-CLASS CERTIFICATES (in order of merit).

Henry A. Watson, M.A.
Samuel Prior.
Joshua Ferguson, M.A.
Alex. Stevenson.
Alex. H. Stewart. } Equal.
John S. M'Kendrick.
Frederick B. Cormick.
William Macleod.
Ernest A. Walker, M.A.
James Eric Wilson. } Equal.

SPECIAL PRIZES FOR COLOURED ILLUSTRATIONS OF CLASS SPECIMENS.

1. Henry A. Watson, M.A.
2. James Campbell M'Clure.
3. Samuel Prior.

SECOND-CLASS CERTIFICATES.

Anthony Yost.
James Findlay. } Equal.
James Foulds.
William Scobie, B.D. } Equal.
John Gordon.
Thomas C. Garrett.
Herbert K. Wallace, B.Sc.
Malcolm Watson. } Equal.

PATHOLOGY.

PROFESSOR JOSEPH COATS, M.D.

JOHN HUNTER MEDALS—George Coats.
John S. M'Kendrick. } Equal.

FIRST-CLASS CERTIFICATES (alphabetically arranged).

James Alston.
Hugh Calderwood.
Alfred P. B. Ellis.
Walter S. Findlay, M.A.
Arthur D. Ketchen.
William Martin, M.A.
David M'Kail.
Norman Macnair, B.Sc.
James M'Queen, M.A.
James Rankin, B.Sc.
Andrew C. Wilson, B.Sc.

SECOND-CLASS CERTIFICATES.

George Clark.
Lawrence W. Harrison.
William S. Paterson.
Henry H. Thomson.

PHYSICS.

Lecturer—Magnus Maclean, M.A., F.R.S.E.

Summer, 1894.

JOSEPH BLACK MEDAL—Kenneth M. Duncan.

FIRST-CLASS CERTIFICATES.

James S. Beveridge.
Alexander Matheson.
John J. Buchan.
John Stewart.
Joseph White.
Duncan M. Niccol.
James Miller.

Winter, 1894-95.

JOSEPH BLACK MEDALS—George M. Crawford. Julien A. Felix. Equal.

FIRST-CLASS CERTIFICATES.

Andrew Kerr.
Alexander Wilson.
John Gardner.

INSANITY.

1894.

Lecturer—David Yellowlees, M.D., LL.D.

MACKINTOSH BURSAR—Joshua Ferguson, M.A.

CERTIFICATES OF MERIT.

2. Robert Buchanan, M.A., B.Sc.
3. William Scobie, B.D.
4. John M. W. Morison.
   Edward J. Primrose, M.A.
   Ernest A. Walker, M.A.
5. Henry Carmichael.
6. Emmeline Marie Stuart.
7. Robert Howie.

Faculty of Science.

ENGINEERING.

Professor Archibald Barr, D.Sc., M.Inst.C.E.

THE GEORGE HARVEY PRIZE OF £20.

William Hamilton, Glasgow.

WALKER PRIZES.

1. Adam G. Whyte, Helensburgh.
2. William Hamilton, Glasgow.

CLASS IV.

1. William Hamilton, Glasgow.
2. John Duncan, Glasgow.

Next in Order of Merit.

3. Adam G. Whyte, Helensburgh.
4. Daniel C. Nutting, U.S.A.

CLASS II.

1. James Muir, Glasgow.
2. Alex. H. Harvey, Neilston.

CLASS I.

1. James Weir French, Glasgow.
2. James Muir, Glasgow.
3. Alexander H. Harvey, Neilston.

SENIOR CLASS OF ENGINEERING DRAWING AND CALCULATION.

1. John Duncan, Glasgow.
2. William Hamilton, Glasgow.

Next in Order of Merit.

3. Oliver Styles, Santiago, South America.

JUNIOR CLASS OF ENGINEERING DRAWING AND CALCULATION.

1. James W. French, Glasgow.
2. Hugh Munro, London.

Next in Order of Merit.
3. William W. Bishop, Glasgow.

Recommended for Muir Bursary—John Muir, Kilmarnock.

NAVAL ARCHITECTURE, INCLUDING MARINE ENGINEERING.

PROFESSOR J. H. BILES.

SENIOR CLASS.

Daniel C. Nutting, U.S.A. (Senior Class Prize).
Clifford Mather, Lesbury, Northumberland, for Excellence in Drawing Class Work.

JUNIOR CLASS.

Charles C. Gearing, Southampton.
John Duncan, Glasgow, as Best Engineering Student.

ASTRONOMY.

PROFESSOR LUDWIG BECKER, Ph.D.

William Craig Henderson, M.A., Glasgow.

Faculty of Arts.

MATHEMATICS.

PROFESSOR WILLIAM JACK, LL.D.

ADVANCED HONOURS CLASS.

CUNNINGHAME GOLD MEDAL—open to competition by first year's Students only
Adam B. Stewart.

SPECIAL PRIZE—Second year's Students.
William A. Lindsay.

INTERMEDIATE HONOURS CLASS.

1. William Fulton.
2. Walter Murray.
3.
   - Hugh Brown.
   - Peter W. Monie.

Mr. Fulton obtains the Muir Senior Mathematical Bursary on the result of the Class Examinations, subject to conditions in Calendar.

SECOND CLASS—Divisions *A* and *B*.

1. Joseph White.
2. George F. Buchan.
3. Duncan Cameron.
4.
   - Isabella B. Blair.
   - Alexander K. Edward.
6. William W. Loggie.
7. James Sheridan.
8. William Scott.

FOR WRITTEN EXAMINATIONS—Joseph White.

Mr. White obtains the Muir Junior Mathematical Bursary on the result of the Class Examinations, subject to conditions in Calendar.

FIRST CLASS—Divisions *A* and *B*.

1.
   - Anthony C. Coubrough.
   - John Hanson.
3.
   - William D. Crombie.
   - Robert Murray.

Summer, 1894.

LECTURER—GEORGE A. GIBSON, M.A.

PRIZES.

1. Harry Hodge.
2. James P. Brander.

NATURAL PHILOSOPHY.

PROFESSOR LORD KELVIN, LL.D., D.C.L., Pres. R.S., etc.

ORDINARY COURSE.

1. { George F. Buchan, Cleland, Motherwell.
   John Stewart, Gartsherrie, Coatbridge.
3. { James W. Copeland, Glasgow.
   William Fulton, Uddingston.
5. Alexander K. Edward, Forfar.
6. Arthur W. Wilkie, Birkenhead.
7. { John Jeffrey, Irvine.
   Peter Lowe, Glasgow.
9. { Peter Couper, Rothesay.
   Peter Lowson, Dundee.
11. { John Campbell, Hamilton.
   James A. Johnston, Glasgow.
   David Morton, Moniaive.
14. { George D. Valentine, Girvan.
   Robert Walker, Glasgow.
16. Hector M. Thomson, Glasgow.
17. Norman Fleming, Greenock.

HIGHER COURSE.

William A. Lindsay, Glasgow.
Thomas Nisbet, Glasgow.
Adam B. Stewart, Glasgow.

LABORATORY STUDENTS.

Vincent J. Blyth, Glasgow.
Mungo M'C. Fairgrieve, Edinburgh.
John F. Henderson, Glasgow.

MORAL PHILOSOPHY.

PROFESSOR HENRY JONES, M.A.

Prizes for General Eminence in the Essays, Exercises, and Examinations of the Class.

1. (Buchanan Prize) John Scoular Thomson, Kingarth, Bute.
2. { John Buchan, Glasgow.
   Alexander Smith, Glasgow.
4. William Charles Miller, Lenzie.
5. Thomas Ellis Jones, Wales.
6. Thomas F. Kinloch, Cardiff.
7. Edith A. Scobie, Glasgow.
8. Henry W. Cochran, Glasgow.
9. Robert D. Bell, Greenock.
10. William W. Fulton, Beith.

HONOURS MORAL PHILOSOPHY CLASS.

EDWARD CAIRD MEDAL—Mary C. Crum, Thornliebank.

Next in Order of Merit.

{ William Boyd, Kilmarnock.
  William K. Gillies, Beith.
Samuel H. M'Ewing, Tollcross.

POLITICAL ECONOMY.

LECTURER—WILLIAM SMART, M.A., LL.D.

1. John Campbell, Hamilton.
2. { Charles W. Brown, Maybole.
   James W. Peck, Partick.

Prize for Preparatory Reading—Joseph Shillinglaw, Glasgow.

LOGIC AND METAPHYSICS.

LECTURER—ROBERT A. DUFF, M.A.

I. Prizes for General Eminence in the Work of the Class during the Session.

1. (The Buchanan Prize) John W. Henderson, Glasgow.
2. James Johnston, Glasgow.
3. John W. Whyte, Pollokshields.
4. John R. Wilson, Falkirk.
5. John Buchan, Glasgow.
   John Brash, Glasgow.
   John A. Maccormick, Pennyghael, Mull.
8. Robert Howie, Pollokshields.
9. Thomas E. Jones, Wales.
10. Robert L. Turner, Glasgow.
11. Adam Hamilton, Paisley.

II. Prizes for Summer Reading.

1. John Edgar, Glasgow.
2. John R. Wilson, Falkirk.

HONOURS CLASS OF LOGIC AND METAPHYSICS.

I. Prizes for Eminence in the Essays and Examinations of the Class.

1. William K. Gillies, Beith.
2. William Boyd, Kilmarnock.

II. Prize for an Examination on Hamilton's Discussions.

Thomas F. Kinloch, Cardiff.

ENGLISH LITERATURE.

PROFESSOR ANDREW C. BRADLEY, M.A.

A. Prizes for Eminence in the Exercises, Essays, and Examinations of the Class.

1. (The Buchanan Prize) John Edgar, Glasgow.
2. John Lochhead, Paisley.
   Joseph Shillinglaw, Glasgow.
4. Edwin S. Munro, Coatbridge.
5. James Johnston, Glasgow.
   Henry Murphy, Lanark.
   Alexander Smith, Glasgow.
8. Robert Howie, Glasgow.
9. William L. Parkin, Northampton.
10. David Nicolson, Wick.
    David Stevenson, Kilmarnock.
12. James W. Peck, Partick.
    James Pollock, Glasgow.
14. John R. Wilson, Falkirk.
    Robert Wilson, Ayrshire.
    James Wishart, Airdrie.

B. Prizes for Vacation Work.

John Edgar, Glasgow.
James Gillespie, Airdrie.

HISTORY.

PROFESSOR RICHARD LODGE, M.A.

Prizes for Eminence in the Exercises, Essays, and Examinations of the Class.

1. John Lyle Morison.
2. Gavin Scott.
3. Angus King.
   Hugh MacGregor.

Highly Commended.

5. William Jordan.
   William M. Murray.

EDUCATION.

Lecturer—David Ross, M.A., B.Sc., LL.D.

PRIZES AND FIRST-CLASS CERTIFICATES.

William M. Wightman.
Charles W. Thomson, M.A.
Alexander Allan.
James Shearer.

GREEK.

Professor George G. A. Murray, M.A.

I. Prizes for General Excellence in Work during the Session.

Senior and Private Class, 12 Noon.

CLASS PRIZES.

EURIPIDES—William G. Bell.
HOMER—Robert D. Bell.
BOTH EXAMINATIONS—James P. Brander.
COMPOSITION—William G. Bell.

UNSEEN TRANSLATION WITH THE CLARK FELLOW.

James Gillespie.
John Copeland.

Senior Class, 8 a.m.

JEFFREY GOLD MEDAL—Horace F. Wallace.

ORDINARY PRIZES.

1. David L. Blair.
2. Peter W. Monie.
3. Robert M'Ewan.
4. Sarah L. Blair.
5. John Murphy.
6. John Harvey.
7. Robert J. T. Bell.
8. { William Scott.
   George Dock.
10. { James M'Pherson.
   Hugh R. Buchanan.

COMPOSITION AND TRANSLATION—Horace F. Wallace.

Upper Middle Class, 10 a.m.

SCOTT-MACFARLAN GOLD MEDAL—James Sheridan.

ORDINARY PRIZES.

1. William H. Begg.
2. William A. Edward.
3. William Montgomerie.
4. James Faulds.
5. Duncan Morrison.
6. { William Core.
   Andrew J. C. Kerr.

Lower Middle Class, 10 a.m.

ORDINARY PRIZES.

1. Walter Arroll.
2. John Hanson.
3. William Baird.
4. Colin K. Junner.
5. Andrew L. Riddell.

Junior Class, 12 Noon.

1. Robert Howieson.
2. James D. Liddell.
3. Thomas S. Loudon.

II. Prizes for Vacation Work.

1. Greek Prose—1. John W. Henderson.
    2. Robert D. Bell.
2. Repetition of Æschylus, *Prometheus*—James Baird.
3. Examination in Æschylus, *Agamemnon*—
    1. John W. Henderson.
    2. James M'Murtrie.
    David H. Tweeddale.
    Horace F. Wallace.

Blackstone Examination.

COWAN GOLD MEDAL—John W. Henderson.
SANDFORD SCHOLARSHIP—George S. Adams.

GREEK.

Summer, 1894.

Lecturer—Ronald M. Burrows, M.A.
PRIZE—Robert Tennent.

HUMANITY.

Professor George G. Ramsay, M.A., LL.D., Litt. Doc.

I. Prizes for General Eminence during the Session, awarded according to the Result of Written Examinations.

Junior Class, 8 a.m.

1. George Condie, Glasgow (Hutchesons' Grammar School).
2. Colin K. Junner, Glasgow (Cromarty Public School).

Queen Margaret College.

Elizabeth Hannah.

Middle Class, at 8 and 11 a.m.

1. James Sheridan, Paisley (Paisley Grammar School).
2. William A. Edward, Glasgow (Overnewton Public School).
3. William H. S. Farquharson, Rutherglen (Stonelaw Public School).
4. Thomas E. Morton, Dundee (Harris Academy).
5. Joseph M'Clemont, Mauchline (Mauchline Public School and Ayr Academy).
6. Andrew J. C. Kerr, Glasgow (Abbotsford Public School).

Senior Class, 9 a.m.

1. Cowan Gold Medallist and First Prizeman—Robert M'Ewan, Paisley (Paisley Grammar School).
2. Peter W. Monie, Rothesay (Irvine Royal Academy).
3. William Fulton, Hurlford (Campbellfield Public School).
4. Robert J. T. Bell, Hamilton (Hamilton Academy).
5. William Scott, Lanark (Lanark Grammar School).
6. William H. Begg, Greenock (Glasgow Academy).

SENIOR AND PRIVATE CLASS, 1 P.M.

II. The Muirhead Prize, for the Best Examination on the Lectures and Prelections delivered during the Session. The Books read were:—Catullus (*Selections*); Horace, *Sat.* I.; Martial, V., VI., VII., etc.; Virgil, *Æn.* XI.

1. Horace F. Wallace, Hamilton (Glasgow High School).
2. Adam Hamilton, Paisley (Paisley Grammar School).
3. Robert D. Bell, Greenock (Kilblain Academy).

III. FOR LATIN PROSE COMPOSITION—SENIOR CLASS.

SECTION I.

1. Horace F. Wallace, Hamilton (Glasgow High School).
2. William G. Bell, Greenock (Kilblain Academy).

SECTION II.

1. George Dock, Paisley (Paisley Grammar School).

IV. VACATION EXERCISES.

I. For the Best Examination in certain Prescribed Books.

OPEN TO ALL MEMBERS OF THE SENIOR CLASS OF 1894-95.
John Copeland, Glasgow (Glasgow High School).

OPEN TO ALL MEMBERS OF THE JUNIOR CLASS OF 1893-94.
Ernest H. Cramb, Dalmuir (Clydebank Public School).

II. For Latin Prose—For the Best Translation of a Passage from Walter Savage Landor.

OPEN TO ALL STUDENTS IN THE SENIOR CLASS OF 1894-95.
William Scott, Lanark (Lanark Grammar School).

V. THE BLACKSTONE EXAMINATION.

Cowan Gold Medal—Horace F. Wallace, Hamilton (Glasgow High School).
Distinguished—Robert D. Bell, Greenock (Kilblain Academy).

LATIN.

Summer, 1894.

LECTURER—JOHN BROWN, M.A.

PRIZES.

1. James W. Peck.
2. { Walter Arroll.
   { John W. Whyte.

WOMEN'S DEPARTMENT.

LATIN.

PROFESSOR G. G. RAMSAY, LL.D.; JOHN BROWN, M.A.; AND DANIEL RANKIN, B.A.

JUNIOR CLASS.

Elizabeth Hannah—See under Men's Department.

GREEK.

PROFESSOR G. G. MURRAY, M.A., AND GEORGE MACDONALD, M.A.

SENIOR.

Sarah L. Blair—See under Men's Department.

JUNIOR.

PRIZE—Helen Rutherfurd.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR A. C. BRADLEY, M.A., AND JOHN M. CONNOR, M.A.

PRIZES.

1. Grace F. Hay.
2. Helen Rutherfurd.
3. Janet Spens.

FRENCH LANGUAGE AND LITERATURE.

FIRST-CLASS CERTIFICATES.

Jane B. Stewart.
Isabella B. Blair.

LOGIC AND METAPHYSICS.

LECTURER—R. M. WENLEY, M.A., D.Sc.

PRIZES AND FIRST-CLASS CERTIFICATES.

Jane R. S. M'Jannett, } Equal.
Elizabeth P. Taylor, }

MORAL PHILOSOPHY.

PROFESSOR HENRY JONES, M.A.

HONOURS CLASS.

Mary C. Crum—See under Men's Department.

DEGREE CLASS.

Edith A. Scobie—See under Men's Department.

MATHEMATICS.

PROFESSOR WILLIAM JACK, LL.D.; GEORGE A. GIBSON, M.A.; AND DANIEL LAMONT, M.A.

SECOND CLASS.

Isabella B. Blair—See under Men's Department.

NATURAL PHILOSOPHY.

PROFESSOR JAMES BLYTH, M.A., F.R.S.E.

FIRST-CLASS CERTIFICATES.

Elizabeth P. Taylor.
Sarah L. Blair.
Jane R. S. M'Jannett, } Equal.
Ruth Pirret, }

EDUCATION.

LECTURER—DAVID ROSS, M.A., B.Sc., LL.D.

PRIZES AND FIRST-CLASS CERTIFICATES.

Jane Stratton. | Jane Kerr.
Jessie Ross.

CHEMISTRY.

LECTURER—THOMAS GRAY, B.Sc.

SYSTEMATIC.

FIRST-CLASS CERTIFICATES.

Jessie D. Granger. | Jessie S. B. Hunter.

SECOND-CLASS CERTIFICATES.

Grace L. Young. | Mabel Hardie.

PRACTICAL.

FIRST-CLASS CERTIFICATES.

Jessie D. Granger,
Jessie S. B. Hunter, Equal.
Grace L. Young,

SECOND-CLASS CERTIFICATE.

Jeanie Auld.

PHYSICS.

PROFESSOR JAMES BLYTH, M.A., F.R.S.E.

FIRST-CLASS CERTIFICATES.

Grace L. Young, Equal. | Jessie S. B. Hunter.
Jessie D. Granger, | Sara Davidson.
Sara M. Robertson.

SECOND-CLASS CERTIFICATES.

Gertrude F. F. Taylor. | Mabel Hardie.
Ina L. M'Neill.

ZOOLOGY.

PROFESSOR JOHN YOUNG, M.D., AND JAMES RANKIN, B.Sc.

FIRST-CLASS CERTIFICATE.

Grace L. Young.

SECOND-CLASS CERTIFICATE.

Jessie D. Granger.

BOTANY.

JOHN C. WILLIS, M.A.

SECOND-CLASS CERTIFICATES.

Grace L. Young. | Jessie D. Granger.
Eva M'Call.

ANATOMY.

LECTURER—THOMAS H. BRYCE, M.A., M.B.

Summer, 1894—EMBRYOLOGY.

FIRST-CLASS CERTIFICATE.

Jessie H. Smith.

SECOND-CLASS CERTIFICATE.

Mary N. Sharman.

Winter, 1894-95.

SENIOR ANATOMY.

FIRST-CLASS CERTIFICATES.

Jessie H. Smith.
Daisy A. Bennett.
Daisy A. M. Clark.

SECOND-CLASS CERTIFICATE.

Margaret E. M'Neill.

JUNIOR ANATOMY.

FIRST-CLASS CERTIFICATES.

Marion J. Ross.
Eva M'Call.
Margaret W. H. M'Neil.
Mabel Poulter.

SECOND-CLASS CERTIFICATES.

Jean E. Prowse.
Jessie D. Granger.
Grace L. Young.
Mary Longmire.
Sara Whiteford.
Mabel Hardie.

PHYSIOLOGY.

PROFESSOR JOHN G. M'KENDRICK, M.D., LL.D., F.R.S., AND WILLIAM SNODGRASS, M.A., M.B., C.M.

FIRST-CLASS CERTIFICATES.

Mabel Poulter.
Marion J. Ross.
Eva M'Call.

SECOND-CLASS CERTIFICATES.

Jean E. Prowse.
Eleanor A. Mann.

PRACTICAL PHYSIOLOGY.

Summer, 1894.

FIRST-CLASS CERTIFICATE.

Mary N. Sharman.

SECOND-CLASS CERTIFICATES.

Marion J. Ross.
Jean E. Prowse.
Mary Longmire.

MATERIA MEDICA AND THERAPEUTICS.

LECTURER—CHARLES O. HAWTHORNE, M.B., C.M.

FIRST-CLASS CERTIFICATE.

Madge S. Maclean.

SECOND-CLASS CERTIFICATES.

Daisy A. M. Clark.
Eva M'Call.
Mary P. Graham.
Catherine L. Smith. } Equal.
Jessie H. Smith. }

PRACTICAL PHARMACY.

Summer, 1894.

FIRST-CLASS CERTIFICATE.

Catherine L. Smith.

SECOND-CLASS CERTIFICATES.

Jessie H. Smith.
Jane Lorimer.
Daisy A. M. Clark.
Mary N. Sharman. } Equal.
Agnes R. Robson. } Equal.
Minna A. Macfarlane.

PATHOLOGY.

LECTURER—JOHN LINDSAY STEVEN, M.D.

SYSTEMATIC.

FIRST-CLASS CERTIFICATE.

Madge S. Maclean.

SECOND-CLASS CERTIFICATE.

Mary P. Graham.

PRACTICAL—*Summer*, 1894.

FIRST-CLASS CERTIFICATES.

Madge S. Maclean.
Emmeline M. Stuart.
Mary P. Graham.
Annie K. Anderson.

SURGERY.

WILLIAM JAMES FLEMING, M.D.

FIRST-CLASS CERTIFICATES.

Jessie H. Smith.
Mary Gardner.

SECOND-CLASS CERTIFICATES.

Agnes R. Robson.
Daisy A. Bennett.

MEDICINE.

J. WALLACE ANDERSON, M.D.

FIRST-CLASS CERTIFICATE.

Roberta H. M. Stewart.

SECOND-CLASS CERTIFICATES.

Agnes J. Anderson.
Edith E. Goodrich.

MIDWIFERY AND DISEASES OF WOMEN.

PROFESSOR MURDOCH CAMERON, M.D., AND H. ST. CLAIR GRAY, M.D.

FIRST-CLASS CERTIFICATE.

Emmeline M. Stuart.

SECOND-CLASS CERTIFICATES.

Ursula Chaplin.
Edith E. Goodrich.

MEDICAL JURISPRUDENCE.

PROFESSOR P. A. SIMPSON, M.A.(Cantab.), M.D., AND
T. KENNEDY DALZIEL, M.B.

FIRST-CLASS CERTIFICATE.

Roberta H. M. Stewart.

XII.—EXAMINATION QUESTIONS.

I. PRELIMINARY EXAMINATION IN ARTS AND SCIENCE.

The Papers in English, Latin, Greek, and Mathematics were the papers set in the Bursary Competition.

ENGLISH.

Saturday, 29*th September*, 1894.

FIRST PAPER—9 TO 11 A.M.

(FIVE *questions are to be answered, and no more. Questions* 1, 2, *and* 6 *must be attempted by all.*)

1. Write an essay, about two pages long, on either of these subjects:
   (1) The character of Anthony Foster.
   (2) "There is no vice so simple, but assumes
   Some mark of virtue on his outward parts."

2. Paraphrase:—

Thyself and thy belongings
Are not thine own so *proper*, as *to waste*
Thyself upon thy virtues, them on thee.
Heaven doth with us as we with torches do,
Not *light* them for themselves; for if our virtues
Did not go forth of us, *'twere* all *alike*
As if we had them not. Spirits are not finely touch'd
But to fine issues; nor Nature never lends
The smallest scruple of her excellence
But, *like* a thrifty goddess, she determines
Herself the glory of a creditor,
Both thanks and use.

3. Parse the italicized words in the foregoing quotation. Give a general analysis of the following, stating exactly how the clauses are related to one another:—

"This be the verse you grave for me:
Here he lies where he longed to be:
Home is the sailor, home from sea,
And the hunter home from the hill."

4. Derive any *six* of the following words:—*Advantage*, *aid*, *aloof*, *blame*, *blank*, *career*, *character*, *enthusiasm*, *meadow*, *printing*, *prose*, *very*.

5. Examine the following for figures of speech, and define the figures you find:—

> "We have strict statutes and most biting laws,
> (The needful bits and curbs to headstrong steeds,)
> Which for these fourteen years we have let sleep;
> Even like an o'ergrown lion in a cave,
> That goes not out to prey."

6. Improve the English of each of the following sentences, and give reasons for the alterations you make:—(1) Modern discoveries have proved how unlike the maps of Africa, before D'Anville swept them clean, were to the reality, and how essential it was to make a new start. (2) I have only been engaged in business for a fortnight subsequent to my leaving home, but me coming here has already proved a success. (3) Plucky and patient, it is found that for sudden attacks, to chase rebels or punish freebooters, the natives of this country are second to none. (4) He occupied himself for a while speculating on the probable effects of causes presently in operation, but neither considered that devoting further time to the subject was practicable or desirable.

SECOND PAPER—12 NOON TO 2 P.M.

(EIGHT *questions to be attempted, and no more; and, of these*, TWO *from each section.*)

A.

1. Name, with their approximate dates and the names of their authors, the works in which the following characters appear:—The Red-Cross Knight, Griselda, Iago, Lovelace, Dugald Dalgetty, Sir Peter Teazle, Dalila, George Warrington, Guinevere, Mrs. Gamp. Describe *one* of these characters.

2. Write a brief account of one of the longer poems of *each* of the following:—Wordsworth, Byron, Shelley. How were the works of these authors received by the public of the day, and how do you account for the different receptions given to them?

3. Explain, as clearly as possible, the meaning of the following terms:—Lyric, elegy, farce, dramatic unities, bombast, Renaissance, Dark Ages, pastoral, didactic.

4. *Either* compare Pope's style in poetry with Milton's, *or* compare Johnson as a prose writer with Macaulay.

B.

5. What are the prominent features of Elizabeth's character as brought out in *Kenilworth*, and how far are they true to history?

6. In what context does each of the following expressions occur? —"God made him and therefore let him pass for a man"; "that jumps all with my humour"; "shall we hunt in couples?" "come, cudgel your memory"; "hates any man the thing he would not kill?"

7. What are the feelings that Shakespeare's delineation of Shylock arouses in us? At what points is our sympathy for Shylock elicited?

C.

8. Write brief expository notes on any four of the following:—The Hampton Court Conference, Ship-money, The Star Chamber, The Long Parliament, The Royal Society, The Cabal, The Treaty of Dover, The Declaration of Indulgence, The Siege of Londonderry, Blenheim.

9. What were the leading historical events of each of the following years:—1604, 1629, 1638, 1641, 1660, 1689, 1692?

10. Contrast the ruling capacity of Charles I. with that of Charles II. Support your answer by examples.

11. Trace briefly the attitude of the Scots toward the Stuarts from 1603 to the Restoration.

12. Indicate the lines of Cromwell's Foreign policy.

D.

13. Where are the following, and for what are they famous:—Alexandria, Mecca, Pondicherry, Cape St. Vincent, Utrecht, Sadowa, Ravenna, Lexington, Marston Moor?

14. What physical peculiarities of the districts in which the following are located affect the industries of each:—Glasgow, Aberdeen, Birmingham, Sheffield, London, Dublin, Cork, Calcutta, Sydney?

15. Name and locate four places in India, four in Africa, three in Canada, and two in Belgium, that are associated with important events in British history.

16. Where, in the British Islands, are granite, gold, tin, lead, to be found? What counties in Great Britain are noted respectively for oats, hops, black cattle? Enumerate the salmon rivers of Scotland.

LOWER LATIN.

Monday, 1*st October*, 1894.—9 A.M. TO 12 NOON.

I. Translate into English:—

THE FLIGHT OF POMPEY FROM PHARSALIA.

Caesar omnibus rebus relictis persequendum sibi Pompeium existimavit, quascunque in partes se ex fuga recepisset, ne rursus bellum renovare posset, et, quantumcunque itineris equitatu efficere poterat, quotidie progrediebatur. Pompeius quum Mitylenis biduum tempestate retentus esset, inde Cyprum pervenit, Syriam navigaturus. Ibi cognoscit arcem Antiochiae captam esse excludendi sui causa, nuntiosque dimissos ad eos, qui se ex fuga in finitimas civitates recepisse dicerentur, ne Antiochiam adirent. Qua re cognita Pompeius deposito adeundae Syriae consilio Pelusium pervenit, atque ad regem Ptolemaeum misit, ut illius opibus in calamitate tegeretur. Sed ii qui ab eo missi erant, milites regis hortari coeperunt, ut suum officium Pompeio praestarent neve eius fortunam despicerent. Tum amici regis, sive timore adducti, sive despecta eius fortuna, ut plerumque in calamitate ex amicis inimici existunt, his, qui erant ab eo missi, liberaliter responderunt: ipsi clam consilium inierunt, ut Pompeium interficerent.

Why are *recepisset*, *dicerentur*, in the subjunctive, *poterat*, *existunt*, in the indicative mood?

Distinguish *neve* from *nec*, *sive* from *utrum*. Account for the cases *sibi*, *itineris*, *tempestate*, *Pompeio*.

II. Translate into Latin:—

About fifty years after the flood which happened in the days of Deucalion, Clymenus, a descendant of the Idaean Hercules, came from Crete to Olympia and celebrated games there. When after many years these games had fallen into disuse, it happened that there was much war and suffering throughout Greece. Iphitus, king of Elis, that he might bring back prosperity to his subjects, asked the oracle at Delphi what was to be done. The answer was that the games formerly held at Olympia must be renewed. Iphitus took care to obey the divine command; after holding the games, he arranged that they should be kept every fifth year in the same manner as before.

III. GRAMMAR.

1. Give the meaning, gender, abl. sing., and gen. pl. of—fons, arbiter, genus, consul, sedile, carcer, amnis, iter, nullus, praesens.

2. Give the meanings and principal parts of the verbs—proficio, veho, cogo, audeo, veto, mordeo, pasco, metior, tollo, enitor.

3. Compare—gravis, niger, audax; saepe, diu, pie. Give the Latin for 745; in the thousand and fiftieth year.

4. What constructions are used with the verbs—abripio, pareo, indigeo, utor; with the adjectives—gratus, memor, dignus, plenus; and with the conjunctions—quoniam, utinam?

IV. SENTENCES.

(*a*) The soldiers of the tenth legion said that they would follow their commander.

(*b*) The centurions besought him not to give battle at once.

(*c*) Soldiers who have so often been victorious, are not men to be easily dismayed by a sudden danger.

(*d*) If he reaches the town first, he will give hope to his friends.

(*e*) Not even you can doubt what the issue (*eventus*) of this battle is likely to be.

HIGHER LATIN.

Tuesday, *2nd October*, 1894.

FIRST PAPER—9 TO 11 A.M.

1. Translate into English:—

Et tibi, P. Nasica, et quicumque idem, quod tu, occultius senserunt, non gravabor reddere dilatae pugnae rationem. Nam tantum abest, ut

me hesternae quietis paeniteat, ut servatum a me exercitum eo consilio credam. In qua me opinione sine causa esse ne quis vestrum credat, recognoscat, age dum, mecum, si videtur, quam multa pro hoste et adversus nos fuerint. Iam omnium primum, quantum numero nos praestent, neminem vestrum nec ante ignorasse et hesterno die explicatam intuentes aciem, animadvertisse certum habeo. Ex hac nostra paucitate quarta pars militum praesidio impedimentis relicta erat: nec ignavissimum quemque relinqui ad custodiam sarcinarum scitis. Sed fuerimus omnes; parvum hoc tandem esse credimus, quod ex his castris, in quibus hac nocte mansimus, exituri in aciem hodierno aut summum crastino die, si ita videbitur, diis bene juvantibus, sumus? Nihilne interest, utrum militem, quem neque viae labor hodie neque operis fatigaverit, requietum, integrum in tentorio suo arma capere jubeas, atque in aciem vigentem et corpore et animo educas, an longo itinere fatigatum, madentem sudore, ardentibus siti faucibus, torrente meridiano sole, hosti obicias recenti, qui nulla re ante consumptas vires ad proelium adferat? Quis ita comparatus, vel iners atque imbellis, fortissimum virum non vicerit?

2. Translate also:—

 Ille deo plenus, tacita quem mente gerebat,
Effudit dignas adytis e pectore voces:
Quid quaeri, Labiene, iubes? An liber in armis
Occubuisse velim potius, quam regna videre?
An sit vita nihil, et longa? an differat aetas?
An noceat vis ulla bono? Fortunaque perdat
Opposita virtute minas? laudandaque velle
Sit satis, et numquam successu crescat honestum?
Scimus, et haec nobis non altius inseret Hammon.
Haeremus cuncti superis, temploque tacente,
Nil agimus nisi sponte dei: nec vocibus ullis
Numen eget: dixitque semel nascentibus auctor
Quidquid scire licet: steriles nec legit arenas,
Ut caneret paucis, mersitque hoc pulvere verum:
Estque dei sedes, ubi terra, et pontus, et aer,
Et caelum, et virtus. Superos quid quaerimus ultra?
Iuppiter est, quodcumque vides, quocumque moveris.
Sortilegis egeant dubii, semperque futuris
Casibus ancipites: me non oracula certum,
Sed mors certa facit: pavido fortique cadendum est.

SECOND PAPER—12 TO 2 P.M.

I. Translate into Latin:—

Were I to name all those who have distinguished themselves by personal courage, I should have to name every man in the advanced guard of the army. They absolutely scorn danger and death; and, as their courage is wonderful, so also is the gaiety with which, with rude song and soldier-like merriment, they accomplish the severest marches. When with evening they reach their resting-place for the night, they are not anxious to take repose, but to tell each his own

story of the battle of the day, and produce his plan for that of to-morrow. Many of them, moreover, think very justly on military subjects. A few days ago a common soldier approached me and said, General, you should do so-and-so. I told him to hold his peace and begone, and have been unable to find him since: yet the manœuvre which he recommended was the same as I had privately resolved to execute.

II. GRAMMAR.

1. Give examples of nouns used in the singular only, in the plural only, with different meanings in singular and plural, with varying gender, and with varying stems.

2. Frame sentences to illustrate the following constructions, adding an English translation of each:—

(*a*) Accusative of kindred meaning.
(*b*) Dative of purpose.
(*c*) Possessive genitive after a verb.
(*d*) Subjunctive of virtually oblique oration.
(*e*) Subjunctive of exhortation in historic tense.

3. Translate and comment on the following:—

(*a*) Ira et cupiditas imperio potentiora erant.
(*b*) Explorato praedatum exierat.
(*c*) Proelium equestre adversum paucis ante diebus factum erat.
(*d*) Nisi nox certamen diremisset, omnibus ad unum pereundum erat.
(*e*) Exercitus ut satis firmus pacatae provinciae praeses erat, ita impar bello, quod motum iri videretur.

III. SENTENCES.

1. The greater the danger, the greater the need of presence of mind.

2. He showed an iron (*ferreus*) strength, such as no toil of body or mind could overcome.

3. Though condemned to death for betraying his country, he was undoubtedly guiltless of the charge.

4. When you reach Rome, do not leave the city without examining the ancient buildings.

LOWER GREEK.

Saturday, 29th September, 1894—3 TO 6 P.M.

I. TRANSLATION.

Translate into English:—

Ἀκούω τινὰ διαβάλλειν,[1] ὦ ἄνδρες, ἐμὲ ὡς ἐγὼ ἄρα ἐξαπατήσας[2] ὑμᾶς μέλλω ἄγειν εἰς Φᾶσιν. ἀκούσατε οὖν μου πρὸς θεῶν, καὶ ἐὰν μὲν ἐγὼ φαίνωμαι ἀδικεῖν, οὐ χρή με ἐνθένδε ἀπελθεῖν πρὶν ἂν δῶ δίκην· ἂν δ' ὑμῖν φαίνωνται ἀδικεῖν οἱ ἐμὲ διαβάλλοντες, οὕτως αὐτοῖς χρῆσθε ὥσπερ ἄξιον. ὑμεῖς δὲ ἴστε δήπου ὅθεν ἥλιος ἀνίσχει καὶ ὅπου δύεται, καὶ ὅτι ἐὰν μέν τις εἰς τὴν Ἑλλάδα μέλλῃ ἰέναι, πρὸς ἑσπέραν δεῖ πορεύεσθαι· ἢν δέ τις βούληται εἰς τοὺς βαρβάρους, τοὔμπαλιν *πρὸς ἕω. ἔστιν οὖν ὅστις τοῦτο ἂν δύναιτο ὑμᾶς ἐξαπατῆσαι, ὡς ἥλιος ἔνθεν μὲν ἀνίσχει, δύεται δὲ ἐνταῦθα ; ἀλλὰ μὴν καὶ τοῦτό γε ἐπίστασθε ὅτι βορέας μὲν ἔξω τοῦ Πόντου εἰς τὴν Ἑλλάδα φέρει, νότος δὲ εἴσω εἰς Φᾶσιν, καὶ λέγεται ὅταν βορρᾶς πνέῃ, ὡς καλοὶ πλοῖ εἰσὶν εἰς τὴν Ἑλλάδα. τοῦτ' οὖν ἔστιν ὅπως τις ἂν ὑμᾶς ἐξαπατήσαι ὥστε ἐμβαίνειν ὁπόταν νότος πνέῃ ; ἀλλ' οὗτοί εἰσιν οἱ λόγοι ἀνδρῶν ἐμοὶ φθονούντων,*[3] *ὅτι ἐγὼ ὑφ' ὑμῶν τιμῶμαι.*

[1] *διαβάλλειν*, 'to slander.' [2] *ἐξαπατᾶν*, 'to deceive.' [3] *φθονεῖν*, 'to envy.'

Parse *ἕω*, *Ἑλλάδα*, *βορρᾶς*, *πλοῖ*.

Parse *ἀκούσατε*, *δῶ*, *χρῆσθε*, *ἴστε*, *ἐξαπατήσαι*, *πνέῃ*, giving the chief tenses of the verbs.

II. GRAMMAR.

1. Give the gen. sing. and gender of *ἄνθος*, *ἰσχύς*, *ἔαρ*, *πειθώ*, *ἕως*.

Form nominatives from *γαλακτ-*, *γενεσ-*, *δορατ-*, *γιγαντ-*, *πολιτιδ-*.

Decline *εἷς* and the sing. of *τίς*, *πολύς*, *γέρας*.

Compare *ἡδέως*, *εὐκλεῶς*, *μάλα*, *ταχέως*, *ὀψέ*, *πέπων*, *τλήμων*, *μέλας*, *μάκαρ*, *ὀλίγος*.

2. Parse *ὤφελε*, *ὦφλε*, *ἔλαχον*, *ἔλαθον*, *ἐδείξαντο*, *ἐδέξαντο*, *ἁλῶναι*, *κατερράγη*, *ἡμαρτημένα*, *προεῖτο*.

Give the futures, aorists, and perfects in use of the verbs :—*τρέχω*, *πνέω*, *δάκνω*, *πέτομαι*, *πήγνυμι*.

3. Write out in full :—
(*a*) the imperf. ind. of *φημί*.
(*b*) the imperf. ind. of *ἧμαι*.
(*c*) the 2nd aor. imperat. act. of *ἵστημι*.
(*d*) the pres. opt. of *εἰμί*.
(*e*) the perf. ind. of *κτῶμαι*.

Form :—
(*a*) the perf. pass. inf. of *ὠθῶ*, *σπένδω*.
(*b*) the 2nd sing. fut. ind. of *ᾄδω*, *ἐκνίζω*.
(*c*) the 3rd sing. 2nd aor. imperat. act. of *τίθημι*, *καθίημι*.
(*d*) the 1st plur. aor. opt. act. of *φαίνω*, *δουλῶ*.
(*e*) the 3rd sing. pluperf. act. of *λείπω*, *στέλλω*.

4. Give the meaning of the following expressions :—*ἐπὶ σοὶ ἔσται ἀκοῦσαι*—*ὁ θεὸς πρὸς ἡμῶν ἐστίν*—*ἐπὶ Κορίνθου πλεῖν*—*ὑπὲρ ἄνθρωπον φρονεῖν*—*παρὰ φύσιν ζῆν*.

III. SENTENCES.

1. We suffer the same things as our fathers at the hands of the enemy.

2. There is nothing he would not do for the sake of money.

3. It is the part of a good citizen to sacrifice (*προΐεσθαι*) his life for his country.

4. I pity (*οἰκτείρω*) him, though he has done us much harm.

5. This being so, is it not better to die nobly (*γενναίως*) than to fly.

6. I am afraid that if I keep quiet (*ἡσυχίαν ἄγειν*), I may seem to be a coward (*δειλός*).

7. Ask him to give you a better gift than he promised (*ὑπισχνοῦμαι*).

HIGHER GREEK.

Wednesday, 3rd October, 1894.

FIRST PAPER—9 TO 11 A.M.

1. Translate into English :—

Ὡς δὲ τῆς Ἑλλάδος ἐδόκουν ἐγγὺς γίγνεσθαι, ἤδη μᾶλλον ἢ πρόσθεν εἰσῄει αὐτοὺς ὅπως ἂν καὶ ἔχοντές τι οἴκαδε ἀφίκωνται. ἡγήσαντο οὖν, εἰ ἕνα ἕλοιντο ἄρχοντα, μᾶλλον ἂν ἢ πολυαρχίας οὔσης δύνασθαι τὸν ἕνα χρῆσθαι τῷ στρατεύματι καὶ νυκτὸς καὶ ἡμέρας, καὶ εἴ τι δέοι λανθάνειν, μᾶλλον ἂν κρύπτεσθαι, καὶ εἴ τι αὖ δέοι φθάνειν, ἧττον ἂν ὑστερίζειν· οὐ γὰρ ἂν λόγων δεῖν πρὸς ἀλλήλους, ἀλλὰ τὸ δόξαν τῷ ἑνὶ περαίνεσθαι ἄν. ὡς δὲ ταῦτα διενοοῦντο, ἐτράποντο ἐπὶ τὸν Ξενοφῶντα· καὶ οἱ λοχαγοὶ ἔλεγον προσιόντες αὐτῷ ὅτι ἡ στρατιὰ οὕτω γιγνώσκει, καὶ εὔνοιαν ἐνδεικνύμενος ἕκαστος ἔπειθεν αὐτὸν ὑποστῆναι τὴν ἀρχήν. ὁ δὲ Ξενοφῶν τῇ μὲν ἐβούλετο ταῦτα, νομίζων καὶ τὴν τιμὴν μείζω οὕτως ἑαυτῷ γίγνεσθαι πρὸς τοὺς φίλους καὶ εἰς τὴν πόλιν τοὔνομα μεῖζον ἀφίξεσθαι αὐτοῦ, τυχὸν δὲ καὶ ἀγαθοῦ τινος ἂν αἴτιος τῇ στρατιᾷ γενέσθαι. τὰ μὲν δὴ τοιαῦτα ἐνθυμήματα ἐπῆρεν αὐτὸν ἐπιθυμεῖν αὐτοκράτορα γενέσθαι ἄρχοντα. ὁπότε δ' αὖ ἐνθυμοῖτο ὅτι ἄδηλον μὲν παντὶ ἀνθρώπῳ ὅπῃ τὸ μέλλον ἕξει, διὰ τοῦτο δὲ κίνδυνος εἴη καὶ τὴν προειργασμένην δόξαν ἀποβαλεῖν, ἠπορεῖτο.

2. Translate *one* of the following passages :—

(*a*) Οὐδὲ πυρὴ Πατρόκλου ἐκαίετο τεθνηῶτος.
ἔνθ' αὖτ' ἄλλ' ἐνόησε ποδάρκης δῖος Ἀχιλλεύς·
στὰς ἀπάνευθε πυρῆς δοιοῖς ἠρᾶτ' ἀνέμοισιν,
Βορρῇ καὶ Ζεφύρῳ, καὶ ὑπέσχετο ἱερὰ καλά·
πολλὰ δὲ καὶ σπένδων χρυσέῳ δέπαϊ λιτάνευεν
ἐλθέμεν, ὄφρα τάχιστα πυρὶ φλεγεθοίατο νεκροί,
ὕλη τε σεύαιτο καήμεναι. ὠκέα δ' Ἶρις
ἀράων ἀΐουσα μετάγγελος ἦλθ' ἀνέμοισιν.
οἱ μὲν ἄρα Ζεφύροιο δυσαέος ἀθρόοι ἔνδον
εἰλαπίνην δαίνυντο· θέουσα δὲ Ἶρις ἐπέστη
βηλῷ ἔπι λιθέῳ. τοὶ δ' ὡς ἴδον ὀφθαλμοῖσιν,
πάντες ἀνήϊξαν, κάλεόν τέ μιν εἰς ἓ ἕκαστος·
ἡ δ' αὖθ' ἕζεσθαι μὲν ἀνήνατο, εἶπε δὲ μῦθον·
"οὐχ ἕδος· εἶμι γὰρ αὖτις ἐπ' Ὠκεανοῖο ῥέεθρα,
Αἰθιόπων ἐς γαῖαν, ὅθι ῥέζουσ' ἑκατόμβας
ἀθανάτοις, ἵνα δὴ καὶ ἐγὼ μεταδαίσομαι ἱρῶν.
ἀλλ' Ἀχιλεὺς Βορέην ἠδὲ Ζέφυρον κελαδεινὸν
ἐλθεῖν ἀρᾶται, καὶ ὑπίσχεται ἱερὰ καλά,
ὄφρα πυρὴν ὄρσητε καήμεναι, ᾗ ἔνι κεῖται
Πάτροκλος, τὸν πάντες ἀναστενάχουσιν Ἀχαιοί."

(*b*) AM. Χρόνον δὲ πῶς τοσοῦτον ἦσθ' ὑπὸ χθονί ;
HP. Θησέα κομίζων ἐχρόνισ' ἐξ Ἅιδου, πάτερ.
AM. καὶ ποῦ 'στιν ; ἢ γῆς πατρίδος οἴχεται πέδον ;
HP. βέβηκ' Ἀθήνας νέρθεν ἄσμενος φυγών.
καὶ νῦν ἴωμεν, ὦ τέκν', εἰς δόμους ὁμοῦ.
καλλίονες τἄρ' εἴσοδοι τῶν ἐξόδων
πάρεισιν ὑμῖν. ἀλλὰ θάρσος ἴσχετε
καὶ δάκρυ' ὄσσων μηκέτ' ἐξανίετε,
σύ τ', ὦ γύναι μοι, ξύλλογον ψυχῆς λαβέ,

τρόμου τε παῦσαι, καὶ μέθεσθ' ἐμῶν πέπλων·
οὐ γὰρ πτερωτός, οὐδὲ φευξείω φίλους.
ἆ,
οἵδ' οὐκ ἀφιᾶσ', ἀλλ' ἀνάπτονται πέπλων
τοσῷδε μᾶλλον· ὧδ' ἄρ' ἦν ὑμῖν φόβος;
ἄξω λαβών γε τοὐσδ' ἐπαρκούσῃ χερί,
ναῦς δ' ὥς, ἐφέλξω· καὶ γὰρ οὐκ ἀναίνομαι
θεράπευμα τέκνων. πάντα τἀνθρώπων ἴσα.
φιλοῦσι παῖδας οἵ τ' ἀμείνονες βροτῶν
οἵ τ' οὐδὲν ὄντες. χρήμασιν δὲ διάφοροι·
ἔχουσιν, οἱ δ' οὔ· πᾶν δὲ φιλότεκνον γένος.

SECOND PAPER—12 TO 2 P.M.

1. Give the stems of *χέρνιψ, Ἄρτεμις, χάρις, δράκων, Ξενοφῶν.*

Give gen. sing. of *τόλμα, ἄστυ, Ἡρακλῆς*, and acc. sing. and plur. of *ἱερεύς, ἥρως.*

What are the positives corresponding to the following comparatives:—*ἀλγίων, ἐλάττων, θάττων, ἀμείνων, γεραίτερος?*

2. Parse *συντειχιοῦντες, καθῆσο, ἐρρύησαν, ἀνοικτέον, ἀπηύρων.*

Give the futures, aorists, and perfects in use of the verbs:—*μάχομαι, τίκτω, κλαίω, ἐσθίω, ἁνδάνω.*

What cases are governed by *ὠφελεῖν, βοηθεῖν, ἅπτεσθαι, ἀφαιρεῖν, προσήκειν?*

3. Distinguish *φαίνεται ὤν* and *φαίνεται εἶναι—δέδοικα μὴ ἔλθῃς* and *δέδοικα μὴ οὐκ ἔλθῃς—εἴθε ἴδοιμι* and *εἴθ' ὤφελον ἰδεῖν—εἴ τις κλέπτοι, ἐκολάζετο* and *εἴ τις κλέπτοι, κολάζοιτο ἄν.*

Express in Greek by the idiomatic use of prepositions:—

In the archonship of Euclides, as far as is in our power, day by day, three at a time, by the gods I beseech you.

Distinguish *σίγα* and *σῖγα—δῆλοι* and *δηλοῖ—εἶδος* and *εἰδός—σύν* and *σῦν—φυγών* and *φυγῶν.*

4. Translate into Greek:—
   - (*a*) I should like to know how many there are of the enemy, and where they are from.
   - (*b*) We must consider which of the two is most likely (*μέλλειν*) to benefit his country.
   - (*c*) They found fault with Pericles on the ground that he had persuaded them to go to war.
   - (*d*) He was not the man to allow himself to be insulted (*ὑβρίζειν*) with impunity.
   - (*e*) Some one asked Socrates who was the wisest man in the world, and whether any one was wiser than he.
   - (*f*) I hope to take the city within five days without loss of life.
   - (*g*) We sent ambassadors to inquire on what terms they were willing to negotiate (*λόγους ποιεῖσθαι*).
   - (*h*) You, wise as you are, would be better for learning what you do not know.
   - (*i*) They pass a law that nobody shall be allowed to hold office (*ἄρχειν*), who has not served in the army (*στρατεύεσθαι*).
   - (*k*) I will now go hence to the king, and will return when I have accomplished (*διαπράττομαι*) the purpose for which I was sent.

LOWER MATHEMATICS.

Monday, 1st October, 1894—2 TO 5 P.M.

1. Find the value of

$$\frac{\cdot0168(3\cdot678914-2\cdot5342)}{\cdot001634}$$

to three places of decimals.

2. Two bottles contain substances A, B, C, D dissolved in water as follows:—

No. 1. 1 oz. of A, 6 grains of B, and 6 oz. of C, with water to make up a volume of 50 fluid ounces.

No. 2. 5 oz. of D with water to make up 50 fluid ounces.

A mixture is made by taking one volume from No. 1, and one volume from No. 2 together with one volume of water. Calculate the number of grains of A, B, C, and D respectively in an ounce of this mixture (given 1 oz. avoirdupois $= 437\frac{1}{2}$ grains).

3. A cargo of tea is bought at 2s. per lb. One-eighth of the cargo is lost at sea; at what price per lb. must the remainder be sold to realise 10 per cent. of profit on the whole venture?

4. State the Algebraical *Law of Distribution.*

Find the coefficient of x^3 in the product

$$(x-1)(x-2)(x-3)(x-4)(x-5).$$

Expand and arrange

$$(x+a)^2(x^2+b^2-c^2)+(x+b)^2(x^2+c^2-a^2)+(x+c)^2(x^2+a^2-b^2)$$

according to powers of x.

5. Express

$$\frac{\dfrac{x-1}{(x-2)(x-3)}-\dfrac{x-2}{(x-1)(x-3)}}{\dfrac{(x-2)}{(x-1)(x-3)}-\dfrac{x-3}{(x-1)(x-2)}}$$

as a rational fraction at its lowest terms.

For what numerical values of p can the fraction

$$\frac{2px^2+(3p+4)x+7}{(x+1)(x+2)}$$

be reduced to lower terms?

6. Resolve $(x-1)(x-2)^2-(x-1)^3$ into factors of the first degree.

Find *all* the roots of the following equations—

(i.) $x^3-x^2-2x=0$;

(ii.) $(x+b+c)(x+b-c)+(x+c+a)(x+c-a)+(x+a+b)(x+a-b)=0.$

7. Solve the system

$$\frac{p-q}{p+q}x+\frac{p+q}{p-q}y=2\frac{p^2+q^2}{p^2-q^2},$$
$$x+y=2.$$

At the present time A owes B £100, the debt having been outstanding for ten years. B owes A £206 5s., which is payable eight years hence. Show that the two obligations will cancel each other after a certain number of years, if we suppose that A allows B simple interest at the rate of 5 per cent. per annum during the whole time that the £100 was due, and also discount (so called "true discount") on the £206 5s. at the same rate of simple interest. (Find the number of years.)

8. Show that any two sides of a triangle are together greater than the third.

If ABC be three points such that $AB+BC=AC$, what inference can you draw regarding their relative positions?

Show that any median of a triangle is less than half the sum of the two sides that meet in the corresponding vertex. (Median means line from vertex to middle point of opposite side.)

9. Show that parallelograms on the same base and between the same parallels are equal in area; and deduce a rule for calculating the area of a triangle.

$ABCD$ is a square, and EAB, FBC, GCD, HDA equilateral triangles described externally on its sides. If the length of AB be three feet, calculate to three places of decimals the area of the quadrilateral $EFGH$.

10. Show how to construct a square whose area shall be equal to the area of a given rectangle.

Show how to divide a given straight line both externally and internally, so that the rectangle contained by its segments shall be equal to a given square.

11. Prove that the external angle of any quadrilateral inscribed in a circle is equal to the interior opposite angle.

Two equal circles S and T touch externally at A. C and D are points on S and T respectively: CA meets T in E and DA meets S in F; show that FE is parallel to CD.

12. If two circles touch each other, show that the line joining their centres passes through the point of contact.

A and B are two fixed points: find the locus of the points of contact of circles passing through A and B, with circles which have A for centre.

INTERMEDIATE AND HIGHER MATHEMATICS.

Thursday, 4th October, 1894.

FIRST PAPER—9 TO 11 A.M.

1. Show that two triangles ABC, $A'B'C'$ are congruent (equal in every respect) when $A=A'$, $B=B'$, and $BC=B'C'$.

State the various ways in which a right-angled triangle may be determined by means of its sides and angles.

OY is a fixed straight line and A a fixed point. If P move on OY and AQ be equal to AP and perpendicular to AP, find the locus of Q.

2. Prove that two tangents to a given circle and no more can be drawn from an external point: and give (without proof) the construction for the common tangent to two non-intersecting circles.

A and B are fixed points. P and Q are the points of contact of tangents drawn from B to two circles having A for centre: show that P and Q are always equidistant from a certain fixed point.

3. Show (without assuming any other proposition regarding the segments of chords of a circle) that the rectangle contained by the segments of any chord of a circle passing through O is equal to the difference between the squares on the radius and on the distance of O from the centre. State Euclid's form of this theorem for an external point.

Show how to construct a circle having a given radius which shall pass through a given point and touch a given straight line.

4. How many conditions are required to secure that two plane quadrilaterals be similar?

Show that two triangles are similar when one angle of the one is equal to one angle of the other and the sides about these angles proportional.

D and E are points on the side BC of a triangle ABC, F and G points on CA and AB respectively, and H a point on BF. If AH and FG be parallel to BC, and AD and FE perpendicular to BC, show that the triangles EFG and HAD are similar.

5. Explain what is meant by *exact divisibility* as applied to integral functions of a single variable; and define the G.C.M. of two such functions.

Find the G.C.M. of the integral functions

$$4x^4 - 8x^3 - 149x^2 + 18x + 315$$

and

$$4x^3 + 28x^2 - 9x - 63:$$

and find the values of x for which their L.C.M. becomes zero.

6. Simplify

$$\left(1 - \frac{b^2 + c^2 - a^2}{2bc}\right)\left(1 + \frac{(a+b+c)(b+c-a)}{(a-b+c)(a+b-c)}\right),$$

and find the value of

$$\frac{x(4-x)}{x(x-3)+1} + \frac{2 - x(4-x)}{4-x},$$

when

$$x = (\sqrt{3}+1) \div (\sqrt{3}-1).$$

7. Solve the equations

$$\text{(i.)}\quad \frac{x+a}{x+a-b} + \frac{x+3a}{x+3a-b} = 2;$$

$$\text{(ii.)}\quad \frac{5}{x-a} + \frac{5}{x+a} = \frac{8}{x} + \frac{1}{x-2a} + \frac{1}{x+2a};$$

$$\text{(iii.)}\quad x + xy = 2m, \quad y + xy = m + 1.$$

8. Define *ratio* and *proportion*: and show that if a, b, c, d are in proportion, then

$$a+b : a-b = c+d : c-d.$$

If $7x - y : 3x - y = 11x - 5y : y - x$, find the ratio of x to y.

9. Define the *sine* and *tangent* of an angle; and prove the formula

$$\sin \alpha = \pm \tan \alpha / \sqrt{(1 + \tan^2 \alpha)}.$$

Show that the triangle whose sides are $\sqrt{6}$, $\sqrt{2}+1$, $\sqrt{2}-1$ is right-angled; and find (i.) the tangent of the smallest angle, (ii.) the length of the perpendicular from the right angle on the hypotenuse, (iii.) the area of the triangle.

SECOND PAPER—12 TO 1.30 P.M.

1. Show that the bisectors of the internal and external vertical angles of a triangle divide the base in the ratio of the sides.

The bisector of the angle A meets BC in D. I and J are points on AB such that $DI = DJ = DC$; show that $IJ = (c^2 - b^2 - a^2)/(b+c)$, the angle C being obtuse.

2. Show that a series of parallel planes divide all transversals in the same ratio.

Two planes are drawn each through three vertices of a cube so as to cut off two diametrically opposite corners; show that these planes are parallel, and find the distance between them in terms of the edge of the cube.

3. Explain or illustrate the difference between an *Identity* and a *Conditional Equation*; and also the meaning of a *Solution of a Conditional Equation.*

Factorize $4x^2 + 12x + 4$.

Determine numerical values for A, B, C, D so that

$$2x^3 - 13x^2 + 26x - 14 \equiv A(x-1)(x-2)(x-5) + B(x-1)(x-2) + C(x-1) + D$$

may be an identity.

4. Show that if $a^2 = bc$, then $(b^2 - ca)^3 + (c^2 - ab)^3$ can be expressed as the square of a rational function of certain of the letters a, b, c.

5. Prove the formulae

$$\text{(i.)}\ \frac{\sin \alpha + \cos \alpha + 1}{\sin \alpha + \cos \alpha - 1} - \frac{1 + \sin \alpha - \cos \alpha}{1 - \sin \alpha + \cos \alpha} = 2(1 + \operatorname{cosec} \alpha);$$

$$\text{(ii.)}\ \frac{\cos 2\beta - \cos 2\alpha}{\sin 2\alpha + \sin 2\beta} = \tan(\alpha - \beta).$$

6. Assuming the formula for the cosine of an angle of a triangle in terms of the sides, establish the following:—

$$\text{(i.)}\ \tan \frac{A}{2} = \sqrt{\left(\frac{(s-b)(s-c)}{s(s-a)}\right)};$$

$$\text{(ii.)}\ c(a \cos B - b \cos C) = a^2 - b^2.$$

Use the formula (i.) to find to the nearest second the greatest angle of the triangle whose sides are 175, 150, 125; given

$$\log 2 = \cdot 3010300, \qquad \log 3 = \cdot 4771213,$$
$$\log \tan 39° \, 13' = \bar{1} \cdot 9117245; \text{ diff. for } 1' = 2579.$$

FRENCH.

Tuesday, 2nd October, 1894.

FIRST PAPER—3 TO 4.30 P.M.

Translate into French :—

(*a*) In one of the streets of Vienna a blind beggar used to sit every evening and play upon the violin. Beside him sat his dog, holding a cap in his mouth, and passers-by would often take pity on the blind man, and drop some pennies into his cap. But one night he had played for a long time without getting anything, and he began to think he would have to go to bed without supper. He felt so sad that he stopped playing. A gentleman came up and spoke to him. "You are tired playing," he said. "Give me your violin. and I will play a little while for you." The blind man gave it to him. The stranger tuned it and began to play. He had only played a few notes when a crowd began to gather, and so sweetly did he play that not one of the crowd moved away till the music stopped. Then every man of them dropped some money into the beggar's cap ; which at last grew so heavy that the dog could scarcely hold it. It was the greatest musician in Vienna who had played for the old man. He earned enough that night to pay for many suppers.

(*b*) 1. You have grown very much since I saw you last. 2. He is hardly old and strong enough to be a soldier. 3. Tell me quite frankly what I have done to offend you. 4. You will have to get up early to-morrow if you wish to come with us. 5. They met a superior force, but succeeded in breaking through. 6. There was nobody who dared to stop him. 7. Though they were running as fast as they could, they arrived too late.

Thursday, 4th October, 1894.

SECOND PAPER—3 TO 5 P.M.

I. Translate into English :—

(*a*) Ainsi coulèrent mes jours heureux, et d'autant plus heureux que, n'apercevant rien qui les dût troubler, je n'envisageais en effet leur fin qu'avec la mienne. Ce n'était pas que la source de mes soucis fût absolument tarie ; mais je lui voyais prendre un autre cours que je dirigeais de mon mieux sur des objets utiles, afin qu'elle portât son remède avec elle. Maman aimait naturellement la campagne, et ce goût ne s'attiédissait pas en moi. Peu à peu elle prit celui des soins champêtres ; elle aimait à faire valoir les terres, et elle avait sur cela des connaissances dont elle faisait usage avec plaisir. Non contente de ce qui dépendait de la maison qu'elle avait prise, elle louait tantôt un champ, tantôt un pré. Enfin, portant son humeur entreprenante sur des objets d'agriculture, au lieu de rester oisive dans sa maison, elle prenait le train de devenir bientôt une grosse fermière. Je n'aimais pas trop à la voir ainsi s'étendre, et je m'y opposais tant que je pouvais, bien sûr qu'elle serait toujours trompée, et que son humeur libérale et prodigue porterait toujours la dépense au delà du produit : toutefois je me consolais en pensant que ce produit du moins ne serait pas nul, et

lui aiderait à vivre. De toutes les entreprises qu'elle pouvait former, celle-là me paraissait la moins ruineuse, et, sans y envisager comme elle un objet de profit, j'y envisageais une occupation continuelle, qui la garantirait des mauvaises affaires et des escrocs. J. J. ROUSSEAU.

(*b*) Chacun fait des châteaux en Espagne,
On en fait à la ville ainsi qu'à la campagne ;
On en fait en dormant, on en fait éveillé.
Le pauvre paysan, sur sa bêche appuyé,
Peut se croire un moment seigneur de son village ;
Le vieillard oublier les glaces de son âge ;
Un commis est ministre ; un jeune abbé prélat ;
Le prélat .... Il n'est point jusqu'au simple soldat
Qui ne se soit un jour cru maréchal de France ;
Et le pauvre lui-même est riche en espérance :
Et chacun redevint Gros-Jean comme devant.
Eh bien ! chacun du moins fut heureux en rêvant !
C'est quelque chose encor que de faire un beau rêve ;
A nos chagrins réels c'est une utile trêve :
Nous en avons besoin : nous sommes assiégés
De maux, dont à la fin nous sommes surchargés
Sans ce délire heureux qui se glisse en nos veines.
Flatteuse illusion, doux oubli de nos peines,
Oh ! qui pourrait compter les heureux que tu fais?
L'espoir et le sommeil sont de moindres bienfaits,
Délicieuse erreur, tu nous donnes d'avance
Le bonheur que promet seulement l'espérance.
Le doux sommeil ne fait que suspendre nos maux,
Et tu mets à la place un plaisir. En deux mots,
Quand je songe, je suis le plus heureux des hommes.
Et dès que nous croyons être heureux, nous le sommes.

COLLIN D'HARLEVILLE.

II. GRAMMAR.

1. Give the substantives, with their meaning, corresponding to *six* of the following verbs :—*vendre*, *faire*, *croire*, *mentir*, *lire*, *écrire*, *voler*, *craindre*, *conduire*, *pleuvoir:* and the verbs, with their meaning, corresponding to *six* of the following adjectives and substantives :—*blanc*, *rond*, *fleur*, *goût*, *tendre*, *jeu*, *jour*, *doux*, *nouveau*, *terre*.

2. Show, by examples, when the relative pronouns *qui* and *lequel* are to be used.

3. State the different meaning expressed by :—*croyez-vous qu'il a dit la vérité !* and *croyez-vous qu'il ait dit la vérité*, and explain logically the use of the negative particle *ne* in the following affirmative sentences :—*j'ai peur qu'il ne vienne ; il sera parti avant que vous ne soyez arrivé : il aura fini plus tôt que vous ne croyez.*

4. Distinguish, as to meaning, between *user quelque chose* and *user de quelque chose :* between *douter* and *se douter :* between *tandis que* and *pendant que* (English *whilst*) : between *campagne*, *pays*, *patrie*, *contrée* (English *country*) ; between *à son arrivée le diner était servi* and *à son arrivée le diner fut servi.*

5. Mention the cases in which the English language uses the ordinal whilst the French language the cardinal numerals.

6. Is there any difference of meaning between *un malheur est arrivé* and *il est arrivé un malheur;* between *César fut un grand général* and *ce fut un grand général que César?* When is the one or the other construction preferred? Explain also the use of the dative case in *il lui a pris son chapeau*, and the infinitive *tuer*—where the English language uses the passive form—in *il l'a fait tuer.*

III. PHILOLOGY AND LITERATURE.

(ONE *only of the following questions is to be attempted.*)

1. Comment on the French way of expressing 70, 80, 90. What other forms did the older language possess for these numbers? Give the etymology of the suffix *-ième* (ordinal numerals), and of *mil* and *mille*, and say when each form is used now and was used formerly.

2. Explain etymologically the form and meaning of *any ten* of the following words taken from the above two passages:—*heureux*, *rien*, *envisager*, *attiédir*, *plaisir*, *penser*, *profit*, *affaire*, *ville*, *seigneur*, *soldat*, *chacun*, *oubli*, *sommeil.*

3. Explain why the French language has abandoned the Latin neuter gender. How have the Latin neuter substantives been treated in the French language? Explain the double gender and the double meaning of *page*, *livre*, *voile*.

4. Characterize the writings of Chateaubriand, *or* Lamartine, or Victor Hugo. Give a short account of *one* of the works of the author whom you select for criticism.

5. Give your views on the merits and defects of French prose and verse.

6. What were, broadly speaking, the tendencies of the French prose writers of the second half of the Eighteenth century?

GERMAN.

Wednesday, 3*rd October*, 1894.

FIRST PAPER—3 TO 4.30 P.M.

Translate into German:—

(*a*) During these mighty changes Britain had been at war with the United States of America. The British claimed the right of searching American vessels for seamen to serve in the royal navy; the Americans resisted; and hence the war arose. It lasted for nearly three years. The Americans made an unsuccessful attack on Canada. British soldiers burned the public buildings of Washington, but were repulsed with loss from New Orleans. Of the many naval engagements between single ships, the chief was that between the frigates Shannon and Chesapeake, in which the British were victorious. The Peace of Ghent, signed in December, 1814, put an end to the war, but without deciding the original ground of quarrel.

(*b*) 1. Whether he is right or wrong you must decide yourself. 2. He said that it was quite impossible for him to be ready in time. 3. He would not believe me, though I told him that I had seen it with my own eyes. 4. The battle was over and the enemy defeated after two hours' fighting. 5. If you have nothing else to do, come and read the newspaper to me. 6. He looks always so sad now; do you know the reason? 7. No, and I almost think he hardly knows it himself.

Friday, 5th October, 1894.

SECOND PAPER—9 TO 11 A.M.

I. Translate into English :—

(*a*) Durch furchtbare Erfahrungen belehrt gingen die Römer über zu einem verständigerem System der Kriegführung, stellten nur erprobte Offiziere an die Spitze ihrer Armeen und liessen dieselben, wenigstens wo es noth that, auf längere Zeit bei dem Kommando. Diese Feldherren sahen weder den feindlichen Bewegungen von den Bergen herab zu, noch warfen sie sich auf den Gegner wo sie ihn eben fanden, sondern, die rechte Mitte zwischen Zauderei und Vorschnelligkeit haltend, stellten sie in verschanzten Lagern unter den Mauern der Festungen sich auf und nahmen den Kampf da an, wo der Sieg zu Resultaten, die Niederlage nicht zur Vernichtung führte. Die Seele dieser neuen Kriegführung war Marcus Claudius Marcellus. Mit richtigem Instinct hatten nach dem unheilvollen Tag von Cannae Senat und Volk auf diesen tapfern und krieggewohnten Mann die Blicke gewandt, und ihm den factischen Oberbefehl ubertragen. Er hatte in dem schwierigen sicilischen Kriege gegen Hamilkar seine Schule gemacht und in den letzten Feldzügen gegen die Kelten sein Führertalent wie seine personliche Tapferkeit glanzend bewahrt. Obwohl ein hoher Funfziger brannte er doch vom jugendlichsten Soldatenfeuer und hatte erst wenige Jahre zuvor als Feldherr den feindlichen Feldherrn vom Pferde gehauen—der erste und einzige romische Konsul, dem eine solche Waffenthat gelang.—MOMMSEN.

(*b*) ZUVERSICHT.

Wohlauf! es ruft der Sonnenschein
  Hinaus in Gottes freie Welt!
Geht munter in das Land hinein,
  Und wandert uber Berg und Feld.

Es bleibt der Strom nicht ruhig stehen,
  Gar lustig rauscht er fort;
Horst Du des Windes muntres Wehen?
  Er braust von Ort zu Ort.

Es reist der Mond wohl hin und her,
  Die Sonne ab und auf,
Blickt über'n Berg und geht in's Meer,
  Nie matt in ihrem Lauf.

Und, Mensch, du sitzest stets daheim,
Und sehnst dich nach der Fern;
Sei frisch und wandle durch den Hain
Und sieh die Fremde gern.

Lass Sorgen sein und Bangigkeit!
Ist doch der Himmel blau!
Es wechselt Freude stets mit Leid—
Dem Glücke nur vertrau'. TIECK.

II. GRAMMAR.

1. Illustrate the various constructions of the following German verbs and adjectives by translating the examples affixed to each:—

sterben: he died of hunger, she died a terrible death.
denken: we think of him.
warten: wait for me, will you nurse me?
gelten: he was considered a rich man.
lachen: he laughs at the enemy.
bitten: he asks me for advice.
schuldig: he is guilty of this crime, you owe him five pounds.
reich: rich in treasures.

2. State the classes of verbs which form their compound tenses by means of "sein," and show the difference of meaning in—

Ich bin fortgefahren *and* Ich habe fortgefahren.
Er ist zum Regiment gestossen *and* Er hat an den Tisch gestossen.
Wir sind übergesetzt *and* Wir haben übersetzt.

3. When are the following verbs separable and when inseparable: übertreten, unterhalten, hintergehen, umgehen, umschreiben, wiederholen? Distinguish as to the different accentuation and meaning.

4. State when the English *if*, *but*, *when*, are to be translated respectively by *wenn*, *ob*; *aber*, *sondern*; *als*, *wann*, *wenn*. Form sentences to illustrate your answers.

5. Translate into German, using the verbs *gehorchen*, *helfen*, *folgen*—I am obeyed, he cannot be helped, he will be followed.

6. Add the definite article and give the nominative plural of the following substantives: Hoffnung, Käfig, Kalb, Krankheit, Doktor, Held, Gesellschaft, Handschrift, Gebirge.

III. PHILOLOGY AND LITERATURE.

ONE *only of the following questions is to be attempted.*

1. (*a*) Form verbs from—schwarz, Durst, offen, Blatt, rein.
(*b*) Form adjectives from—Kind, Holz, Dank, horen, Wald.
(*c*) Form substantives from—jagen, schreiben, krank, artig.
(*d*) Form adverbs from—recht, Abend, blind.

2. Explain the different formations of the plural in the following groups of analogous substantives:—Der Tag, die Tage; der Schlag, die Schlage; der Graf, die Grafen. Das Wort, die Worter *and* die Worte; das Herz, die Herzen. Die Stadt, die Stadte; die That, die Thaten.

3. Contrast the poetical genius of Klopstock and Wieland, and describe the position each occupied in regard to the history of German literature.

4. Describe the origin and tendency of the so-called "Sturm- und Drangperiode." In which of Schiller's works are found direct traces of that school? Give some account of that work.

5. Characterize the lyric poetry of Schiller and of Goethe.

DYNAMICS.

Friday, 5th October, 1894—1 TO 4 P.M.

[Take $g = 32$ feet per second per second.]

1. Define *velocity* and *change of velocity*. Explain what is meant by resolving a velocity into two components. Show how to determine the direction of a velocity, being given its magnitude, the directions of its two components, and the magnitude of one of the components.

A velocity of $10\sqrt{3}$ feet per second vertically upwards is resolved into two components of which one is 10 feet per second in a given horizontal direction. Find the magnitude and direction of the other component.

2. Distinguish between (i.) *mass* and *weight*, (ii.) *momentum* and *force*, (iii.) *poundal* and *weight of a pound*. A mass of 8 oz. is moving at the rate of 38 yards per minute; what is its momentum? If the mass has acquired this momentum in 15 seconds under the action of a force constant in magnitude and direction, what is the magnitude of the force? In what units are your answers expressed?

3. Prove the equation of work and energy for the case of a particle moving in a straight line under the action of a constant force.

A train, moving at the rate of 30 miles per hour, is brought to rest by a constant horizontal resistance in 200 yards. Compare the resistance with the weight of the train.

4. Show how to determine by geometrical construction the resultant of any number of given forces acting at a point.

Forces of 1, 2, 3, 4 units respectively act from the centre of a square towards the angular points of the square taken in order. Find the magnitude and direction of the resultant.

5. Define *moment of a force about a point*, and explain the convention regarding positive and negative moments.

Show that the algebraical sum of the moments of three parallel forces which are in equilibrium about any point in the plane of the forces is zero. AB is a weightless rod, 4 feet long. Masses of 3, 4, 5, 6, 7 lbs. are suspended from the rod, 3 lbs. being suspended at A, 4 lbs. at the point one foot from A, 5 lbs. at the middle point of the rod, 6 lbs. at the point three feet from A, and 7 lbs. at B. The rod remains horizontal when suspended by a string attached to some point C of its length. Find the position of C and the tension of the string.

6. Define *centre of gravity*, and show how to determine by experiment the centre of gravity of a thin plate.

ABC is an equilateral triangle whose sides are 18 inches long. AD, BE, CF, are the perpendiculars from A, B, C upon the opposite sides. If the triangle AEF be cut off, find the distance from D of the centre of gravity of the remainder of the triangle.

7. A body which is free to turn about a fixed point is acted on by forces in one plane; what is the condition of equilibrium of the body? If the body is in equilibrium, show how the pressure on the fixed point may be found.

A uniform rod which weighs 10 lbs. is hinged at one end to a fixed point round which it is free to turn in a vertical plane. It is drawn aside from the vertical position through an angle of 45°, and kept in equilibrium by a horizontal force applied at its lower extremity. Find the magnitude of this force and the pressure on the hinge.

8. State the principle of Archimedes. Give *either* a theoretical proof of this principle, *or* an account of an experiment for its verification.

A piece of iron which weighs 10 lbs. in air and $8\frac{3}{4}$ lbs. in water floats in mercury with $\frac{7}{17}$ of its volume above the surface. Find the specific gravity of mercury.

9. Show clearly how the height of the barometer is a measure of the atmospheric pressure. Does the height of the barometer depend on the bore of the barometric tube? Would the reading be affected if the tube were inclined to the vertical? State in each case your reasons for the answer you give.

If the height of the water barometer is 33 feet, find the atmospheric pressure in lbs. per square inch.

[A cubic foot of water may be taken to weigh 1000 oz.]

10. State Boyle's Law in the form of a relation between the pressure and the density of a gas. Two closed vessels, A and B, contain 500 and 100 cubic feet of air respectively. The pressure in A is that of 50 inches of mercury, and in B is that of 20 inches of mercury. If half the quantity of air in B were pumped into A, what would then be the pressures in the two vessels respectively?

II.—FOR THE DEGREE OF M.A.

I.—FOR ORDINARY DEGREE.

A.—*DEPARTMENT OF LANGUAGE AND LITERATURE.*

LATIN TRANSLATION—Two Hours.

1. Translate the following passages:—
   - (*a*) Virg. *Aen.* XI. 508—521.
   - (*b*) Mart. VII. 32.
   - (*c*) Hor. *Odes*, IV. 6, 13—28.
   - (*d*) Tac. *Ann.* IV. 52.

2. Translate with notes:—

(*a*) Atrides Protei Menelaus adusque columnas
Exsulat, Aetnaeos vidit Cyclopas Ulixes.
Regna Neoptolemi referam, versosque penatis
Idomenei? Libycone habitantis litore Locros?
Virg. *Aen.* XI. 262—5.

(*b*) Scis certe puto vestra iam venire
Saturnalia, Martias Calendas.—Mart. V. 84, 10, 11.

(*c*) Tu Cannas Mithridaticumque bellum,
Et periuria Punici furoris,
Et Sullas Mariosque Muciosque
Magna voce sonas.—Mart. VI. 19, 5—8.

(*d*) Neque Attali
Ignotus heres regiam occupavi.—Hor. *Odes* II. 18, 5, 6.

(*e*) I, pete unguentum, puer, et coronas
Et cadum Marsi memorem duelli,
Spartacum si qua potuit vagantem
Fallere testa.—Hor. *Odes* III. 14, 17—20.

(*f*) Haud fuerit absurdum tradere montem eum antiquitus Querquetulanum cognomento fuisse, quod talis silvae frequens fecundusque erat.—Tac. *Ann.* IV. 65.

LATIN PROSE—Two Hours.

My brother, who had some days before sent his wife and two children into the country, and intended to follow them, pressed my going very earnestly; and I had once resolved to comply with his desires, but at that time could get no horse: for though it is true, all the people did not go out of the city, yet I may venture to say that almost all the horses did; for there was hardly a horse to be bought or hired in the whole city, for some months. Once I made up my mind to travel on foot with one attendant; and, as many did, lie at no inn, but carry a soldier's tent with us, and so lie in the fields, the weather being very warm, and no danger from taking cold. This was a course adopted by a large number of persons, especially those who had served in the army; and I must needs say, that had most of the people that travelled done so, the plague had not been carried into so many country-towns and houses as it was, to the great damage, and indeed to the ruin, of hundreds of families. Three of us, however, on consulting together, thought it better to remain at home and do all that lay in our power to alleviate the sufferings of our neighbours, while taking every precaution for ourselves. DEFOE.

LATIN GENERAL PAPER—Two Hours.

A. UNPREPARED TRANSLATION.

Omitte igitur lituum Romuli, quem in maximo incendio negas potuisse conburi, contemne cotem Atti Navii: nihil debet esse in philosophia commenticiis fabellis loci; illud erat philosophi potius, totius augurii primum naturam ipsam videre, deinde inventionem, deinde constantiam. Quae est igitur natura, quae volucris huc et illuc passim vagantis efficiat ut significent aliquid et tum vetent agere, tum iubeant, aut cantu aut volatu? cur autem aliis a laeva, aliis a dextra datum est avibus, ut ratum auspicium facere possint? quo modo autem haec aut quando aut a quibus inventa dicemus? Etrusci tamen habent exaratum puerum auctorem disciplinae suae: nos quem? Attumne Navium? at aliquot annis antiquior Romulus et Remus ambo augures, ut accepimus. An Pisidarum aut Cilicum aut Phrygum ista inventa dicemus? placet igitur humanitatis expertis habere divinitatis auctores?

B. Grammar.

1. How are the first supine and second supine used? Give instances. Can you explain the origin of these forms? Explain also the construction of the fut. inf. pass., e.g. *dicit illos accusatum iri.*

2. What cases are used with the following prepositions, and in what senses?—*penes*, *secundum*, *super*, *versus*. State, with examples, the force of—*sub*, *per*, *dis-* in composition with verbs.

3. How do you account for these constructions?—*non mea sed Ciceronis refert; non Corinthi sed Carthagine habito: macte tua virtute; vescor pomis: quid obstat quominus hoc facias?*

C. Antiquities.

1. What were the duties of the Censorship? Mention some famous Romans who held this office.

2. Describe briefly the proceedings in a Roman lawsuit.

3. What is the meaning of—*tribus praerogativa*, *intercessio*, *patres conscripti*, *ius imaginum*, *pater patratus?*

D. History.

1. Narrate the leading incidents of the war with Jugurtha.

2. What was the importance of the battles of (*a*) Aquae Sextiae and Vercellae, (*b*) Carrhae, (*c*) the Colline Gate?

3. What do you know of the *Lex Manilia*, the *Lex Roscia*, Julius Caesar's reform of the calendar?

GREEK TRANSLATION—Two Hours.

1. Translate *one* passage from each of the following sections:—

A. (*a*) Hom. *Od.* IX. 480—493.
(*b*) Hom. *Il.* XVI. 737—750.

B. (*a*) Aesch. *Persae*, 459—472.
(*b*) Eurip. *Hippolytus*, 1194—1208.

2. Translate:—

Plato, *Crito*, XV. (53 B–C).

3. Translate:—

Thuc. VII. 71.

4. Translate, with notes on the historical allusions or syntax, *five* of the following:—

(*a*) Hom. *Od.* IX. 126—128.
(*b*) Hom. *Il.* XVI. 233—235.
(*c*) Aesch. *Pers.* 786 (790)—788.
(*d*) Eurip. *Hippol.* 732—4.
(*e*) Plato, *Crito*, 52B.
(*f*) Thuc. VII. 19.

GREEK PROSE—Two Hours.

A.

Upon learning the answer which Philippides brought from Sparta, the ten generals were divided in opinion as to the best course to be pursued. Five of them were opposed to an immediate engagement with the overwhelming number of Persians, and thought it better to wait for the Lacedaemonian succours. Miltiades and the remaining four said, on the other hand, that no time should be lost in fighting the Persians, not only in order to avail themselves of the present enthusiasm of the people, but still more to prevent treachery from spreading among the army. The decision, upon which the destinies of Athens, and indeed of all Greece hung, depended on the vote of Callimachus, the Polemarch; for down to this time the third Archon was a colleague of the ten generals. To him Miltiades now turned, telling him that delay was dangerous, and that it was in his power to prevent his country from being destroyed by the barbarian.

B.

1. Distinguish between (*a*) ἔχω and ἔχομαι, (*b*) ποιῶ and ποιοῦμαι, (*c*) ἐκδίδωμι, ἐνδίδωμι, προδίδωμι, ἐπιδίδωμι, παραδίδωμι. Explain, with examples, the force in Composition of—ὑπό, ὑπέρ, περί.

2. How do you account for the following uses of the Genitive?

(*a*) Οἴμοι τῆς τύχης.
(*b*) Τοῦ αὐτοῦ χειμῶνος ἀφίκοντο αἱ νῆες.
(*c*) Πόσου τιμᾶται;
(*d*) Ποδῶν ἔλαβεν.
(*e*) Λῆγε χόλοιο.

3. How far is it true to say that the Greek Optative corresponds to the Past Tenses of the Latin Subjunctive?

GREEK GENERAL PAPER—Two Hours.

A. Unprepared Translation.

Εἰ δὲ δεῖ θνητὸν ὄντα τῆς τῶν θεῶν στοχάσασθαι διανοίας, ἡγοῦμαι κἀκείνους ἐπὶ τοῖς οἰκειοτάτοις μάλιστα δηλῶσαι πῶς ἔχουσι πρὸς τοὺς φαύλους καὶ τοὺς σπουδαίους τῶν ἀνθρώπων. Ζεὺς γὰρ Ἡρακλέα καὶ Τάνταλον γεννήσας, ὡς οἱ μῦθοι λέγουσι καὶ πάντες πιστεύουσι, τὸν μὲν διὰ τὴν ἀρετὴν ἀθάνατον ἐποίησε, τὸν δὲ διὰ τὴν κακίαν ταῖς μεγίσταις τιμωρίαις ἐκόλασεν. οἷς δεῖ παραδείγμασι χρωμένους ὀρέγεσθαι τῆς καλοκαγαθίας, καὶ μὴ μόνον τοῖς ὑφ' ἡμῶν εἰρημένοις ἐμμένειν, ἀλλὰ καὶ τῶν ποιητῶν τὰ βέλτιστα μανθάνειν, καὶ τῶν ἄλλων σοφιστῶν, εἴ τι χρήσιμον εἰρήκασιν, ἀναγιγνώσκειν. ὥσπερ γὰρ τὴν μέλιτταν ὁρῶμεν ἐφ' ἅπαντα μὲν τὰ βλαστήματα καθιζάνουσαν, ἀφ' ἑκάστου δὲ τὰ βέλτιστα λαμβάνουσαν, οὕτω δεῖ καὶ τοὺς παιδείας ὀρεγομένους μηδενὸς μὲν ἀπείρως ἔχειν, πανταχόθεν δὲ τὰ χρήσιμα συλλέγειν. μόλις γὰρ ἄν τις ἐκ ταύτης τῆς ἐπιμελείας τὰς τῆς φύσεως ἁμαρτίας ἐπικρατήσειεν.

B. Literature, History, and Antiquities.

(Three *questions only need be answered.*)

1. Mention the chief Ionic colonies in Asia Minor, and explain the relation of a Greek colony to its mother-town.

Or, Narrate the incidents connected with the building of the Long Walls of Athens.

2. The Constitution of Sparta.

Or, A brief account of the career of Pericles.

3. What do you know of the beginnings of prose literature in Greece?

4. What light have recent discoveries thrown on the Homeric Poems?

5. Mention the chief authors of the Middle and New Comedy, and estimate the political importance of the Comedies of Aristophanes.

6. Explain the following terms:—πρύτανις, ἄρχων, βασιλεύς, ὀστρακισμός, εἰσαγγελία, τὸ θεωρικόν.

ENGLISH LANGUAGE AND LITERATURE—
Three Hours.

I. For Students of Session 1893-94.

Answer NINE *questions, taking* ONE *from* A, ONE *from* B, FOUR *from* C, TWO *from* D, *and* ONE *from* E. *Question* 18 *must be attempted.*

Students who attended the English Literature Class before Session 1893-94 *may substitute for the question from* B *an additional question from any one of the other sections. They should note on the outside of their papers the year of their attendance.*

A. Composition.

1. Explain, and illustrate by an example of each, the meaning of the following terms:—loose sentence, isolated style, tautology, inversion, anti-climax, irony, mixed metaphor.

2. What objections can be brought against the use of 'poetic prose' (as distinguished from mere 'fine-writing')? Under what circumstances is it justifiable?

3. Discuss the truth, and the limitations, of the rule that in English Composition Anglo-Saxon words should be preferred to words derived, directly or indirectly, from Latin.

B. PHILOLOGY.

4. What is meant by the statements (*a*) that Latin *tres*, English *three*, and German *drei* are 'cognate,' and (*b*) that the difference between the initial sounds of these words is in accordance with the general rule?

5. What are the main differences between the English of King Alfred's time and the English of Chaucer? How did these differences arise?

6. Within what limits was Southern English spoken in the fourteenth century? What were its distinguishing peculiarities? What was its later history?

C. ELIZABETHAN DRAMA.

7. Show, with special reference to the plays you have read, the general course of development of the Elizabethan drama from Marlowe to Massinger.

8. "The most striking characteristic of the Elizabethan drama is its mingling of comedy with tragedy." Point out the comic elements in some of the tragedies you have studied, and discuss their effect on those tragedies.

9. Compare Marlowe's treatment of history in *Edward II.* with Shakespeare's in *Henry V.* Can you explain the popularity in Elizabeth's reign of subjects taken from English history?

10. Describe the nature of the change which came over Shakespeare's work about the beginning of the seventeenth century, and illustrate it by a comparison of the tone of thought in *As You Like It* and *Hamlet.*

11. Analyse any two of the following characters:—King Lear, Othello, Rosalind, Viola.

12. Discuss any two of the following statements:—(*a*) Hamlet's treatment of Ophelia is inexplicable; (*b*) Imogen, unlike Desdemona and Cordelia, is faultless; (*c*) Jonson's characters are never lovable.

13. Sketch the plots of two of the following:—*Much Ado about Nothing*, *Epicoene*, *Philaster*.

14. Write a critical account of *Dr. Faustus* or of *A New Way to Pay Old Debts*.

15. Explain briefly the action of three of the following characters in the plays in which they occur:—Lady Macbeth, Kent, Iachimo, Sir Epicure Mammon, Bosola.

D. CHAUCER'S "KNIGHT'S TALE."

16. Sketch the story of the *Knight's Tale* either (*a*) from the beginning to the point where Theseus interrupts the single combat of Palamon and Arcite, or (*b*) from the opening of the day of the tournament to the funeral of Arcite.

17. Discuss the statement that the characters of Palamon and Arcite are faintly sketched and not clearly differentiated.

18. (COMPULSORY QUESTION.) Give, by means of paraphrase, comment, and reference to the context, the full meaning of the following lines; and scan the lines marked with an asterisk:

(*a*) *Ther nas noon other remedye ne reed,
*But taketh his leve, and homward he him spedde;
Let him be war, his nekke lyth to wedde!

(*b*) . . . everich of yow shal goon wher him leste
Frely, withouten raunsoun or daunger;
And this day fifty wykes, fer ne ner,
*Everich of yow shal bringe an hundred knightes,
*Armed for listes up at alle rightes,
Al redy to darreyne hir by bataille.

(*c*) Yet sawgh I brent the shippes hoppesteres;
The hunte strangled with the wilde beres:
*The sowe freten the child right in the cradel;
*The cook y-scalded, for al his longe ladel.

(*d*) He is a kinges brother sone, pardee;
And, though he were a povre bacheler,
Sin he hath served yow so many a yeer,
And had for yow so greet adversitee,
It moste been considered, leveth me.

E. TENNYSON'S "IDYLLS OF THE KING."

19. In what sense may the *Idylls* be regarded as a unity? What light is thrown upon this question by the history of their publication?

20. Show the influence of the Quest of the Grail upon the fate of the Round Table. What was the fortune of the principal knights who joined in the Quest?

21. Describe two of the following characters:—Geraint, Elaine, Pelleas, Gareth.

II. FOR STUDENTS OF SESSION 1894-95.

Answer NINE *questions, taking* ONE *from* A, ONE *from* B, FOUR *from* C, TWO *from* D, *and* ONE *from* E. *Questions* 7 *and* 18 *must be attempted.*

Students who attended the English Literature Class before Session 1893-94 *may substitute for the question from* B *an additional question from any one of the other sections. They should note on the outside of their papers the year of their attendance.*

A. COMPOSITION.

1. Explain, and illustrate by an example of each, the meaning of the following terms:—loose sentence, isolated style, tautology, inversion, anti-climax, irony, mixed metaphor.

2. What objections can be brought against the use of 'poetic prose' (as distinguished from mere 'fine-writing')? Under what circumstances is it justifiable?

3. Discuss the truth, and the limitations, of the rule that in English Composition Anglo-Saxon words should be preferred to words derived, directly or indirectly, from Latin.

B. PHILOLOGY.

4. What is meant by the statements (*a*) that Latin *tres*, English *three*, and German *drei* are 'cognate,' and (*b*) that the difference between the initial sounds of these words is in accordance with the general rule?

5. What are the main differences between the English of King Alfred's time and the English of Chaucer? How did these differences arise?

6. Within what limits was Southern English spoken in the fourteenth century? What were its distinguishing peculiarities? What was its later history?

C. ENGLISH POETRY FROM COWPER TO KEATS.

7. (COMPULSORY QUESTION). Name the author, give the approximate date, and add a description, *in two or three lines*, of each of the following poems:—(*a*) *The Castaway;* (*b*) *Ode on a Grecian Urn;* (*c*) *She walks in beauty;* (*d*) *The Eve of St. John;* (*e*) *France: an Ode;* (*f*) *The Solitary Reaper;* (*g*) *The Battle of Blenheim;* (*h*) *A Bard's Epitaph;* (*i*) *The Lamb;* (*j*) *Ode to the West Wind.*

8. Show the influence of the spirit of patriotism on the poetry of this period. To what extent was it counteracted by sympathy with the Revolution?

9. Compare Cowper and Burns as regards their humour and their treatment of Nature.

10. Indicate, referring to particular poems, the place of Nature and the place of Man in Wordsworth's poetry.

11. "The poetry of Coleridge and the poetry of Scott may be considered as complements, each supplying what is wanting to the other." Discuss this.

12. Write a critical estimate of Byron's poetry, referring to his most famous works.

13. Give a critical account of any two of the following:—*The Village*, *The Lady of the Lake*, *Adonais*, *The Prelude*, *Manfred*.

14. Examine the charge of unreality advanced against the poetry of Shelley.

15. "The poetry of Keats represents the complete exhaustion of the fire of the Revolution." Examine this view.

D. HAMLET.

16. "But for the help of accidents, Hamlet would never have revenged his father." Discuss this.

17. Describe the characters of Polonius and the King.

18. (COMPULSORY QUESTION.) Explain with reference to the context:
   (*a*) The imperial jointress to this warlike state.
   (*b*) So, uncle, there you are.
   (*c*) The humorous man shall end his part in peace; the clown shall make those laugh whose lungs are tickle o' the sere.

(*d*) Nay then, let the devil wear black, for I'll have a suit of sables.

(*e*) O, you must wear your rue with a difference.

(*f*) Is thy union here?

E. Eighteenth Century Essays.

19. Describe the literary and personal characteristics of Addison and Steele, as shown in their Essays in this volume.

20. Give an account of any two of the following characters:—Tom Folio, Will Wimble, The Tory Foxhunter, The Reverend Mr. Quickset, The Man in Black.

21. Describe two of the following papers:—The Trumpet Club, Frozen Voices, Death of Sir Roger de Coverley, Beau Tibbs at Home, A Country Dowager.

FRENCH.

FIRST PAPER—Two Hours.

(*A good rendering of the passage of English into French is essential.*)

1. Translate into English:—

(*a*.) Des hêtres monstrueux soutiennent ici les pentes; aucune description ne peut donner l'idée de ces colosses rabougris, hauts de huit pieds, et que trois hommes n'embrasseraient pas. Refoulée par le vent qui rase la côte, la sève s'est accumulée pendant des siècles en rameaux courts, énormes, entrelacés et tordus; tout bosselés de nœuds, déformés et noircis, ils s'allongent et se replient bizarrement, comme des membres boursouflés par une maladie et distendus par un effort suprême. On voit, à travers l'écorce crevée, les muscles végétaux s'enrouler autour du tronc et se froisser comme des membres de lutteurs. Ces torses trapus, demi-renversés, presque horizontaux, penchent vers la plaine; mais leurs pieds s'enfoncent dans les rocs par de telles attaches, qu'avant de rompre cette forêt de racines on arracherait un pan de montagne. Quelques troncs, pourris par l'eau, s'ouvrent, hideusement éventrés; chaque année, les lèvres de la plaie s'écartent; ils n'ont plus forme d'arbres; ils vivent pourtant, invincibles à l'hiver, à la pente et au temps, et poussent hardiment dans l'air natal leurs jeunes rameaux blanchâtres. H. Taine.

(*b*) Donc, mort à toute joie et sans espérer mieux,
Olivier vit et souffre, et peut devenir vieux.
Indifférent à tout ce que le sort lui laisse,
Bon par occasion ou méchant par faiblesse,
Il est pour le vulgaire un sceptique élégant.
Comme on donne sa main, mais sans ôter son gant,
Même au plus cher ami qui de lui le réclame
Il ne dit qu'à moitié le secret de son âme;
Il jette la réserve entre le monde et lui,
Et de son désespoir ne montre que l'ennui.

Né fier, il garde encor la pudeur de sa peine.
Si parfois dans ses vers il fait, comme Henri Heine,
En ces heures de crise où tous nous faiblissons,
" De ces grandes douleurs de petites chansons,"
Il n'y dit pas jusqu'où va sa mélancolie.
Il porte vaillamment sa douleur, et s'il plie,
C'est ainsi qu'une épée à l'acier pur et clair
Et pour se relever en lançant un éclair.
Mais lorsque, tisonnant son foyer plein de cendre,
Jusqu'au fond de son âme il ose encor descendre
Et qu'il en voit l'espoir envolé sans retour,
Quand du temps qui lui reste à vivre sans amour
Son esprit accablé mesure l'étendue,
Songeant à la dernière illusion perdue
Qui fit son triste cœur à jamais se fermer,
Il voudrait bien mourir, ne pouvant plus aimer.

FRANÇOIS COPPÉE.

2. Translate into French :—

Mr. Crisp seems, as far as we can judge, to have been a man eminently qualified for the useful office of a connoisseur. His talents and knowledge fitted him to appreciate justly almost every species of intellectual superiority. As an adviser he was inestimable. Nay, he might probably have held a respectable rank as a writer, if he would have confined himself to some department of literature in which nothing more than sense, taste, and reading was required. Unhappily he set his heart on being a great poet, wrote a tragedy in five acts on the death of Virginia, and offered it to Garrick, who was his personal friend. Garrick read, shook his head, and expressed a doubt whether it would be wise in Mr. Crisp to stake a reputation, which stood high, on the success of such a piece. But the author, blinded by ambition, set in motion a machinery such as none could long resist. His intercessors were the most eloquent man and the most lovely woman of that generation. Pitt was induced to read Virginia, and to pronounce it excellent. Lady Coventry, with fingers which might have furnished a model to sculptors, forced the manuscript into the reluctant hand of the manager; and, in the year 1754, the play was brought forward. Nothing that skill or friendship could do was omitted. Garrick wrote both prologue and epilogue. The zealous friends of the author filled every box in the theatre; and, by their strenuous exertions, the life of the play was prolonged during ten nights.

LORD MACAULAY.

3. Translate into modern French :

Rollanz s'en turnet, le camp vait recerchier.
De suz un pin, de lez un eglentier,
Sun cumpaignun ad truvet Olivier ;
Cuntre sun piz estreit l'ad embraciet ;
Si cum il poet, à l'arcevesque en vient,
Sur un escut l'ad as altres culchiet ;
E l'arcevesques l'ad asolt e seigniet.
Idunc agrieget li doels e la pitiet.
Ço dit Rollanz : " Bels cumpainz Oliviers,

"Vus fustes filz à l'bon cunte Renier,
"Ki tint la marche tresqu'à Gennes el' rivier ;
"Pur hanstes fraindre, pur escuz peceier,
"E pur osbercs derumpre e desmailier,
"E pur produmes tenir e cunseillier,
"E pur glutuns veintre e esmaier,
"En nule tere n'out meillur chevalier."

4. (*a*) Indiquez quels mots, dans le passage ci-dessus, ont disparu de la langue.
   (*b*) Marquez ceux qui sont pris maintenant dans un sens différent.
   (*c*) Tracez l'étymologie de *lez*, *estreit*, *rivier*.

SECOND PAPER—Two Hours.

1. Littérature :
   (*a*) Quelles furent les causes de décadence de la langue française au 14^{e} et au 15^{e} siècle ?
   (*b*) Sur quels principes était fondée la prosodie du vieux français ?
   (*c*) Faites la distinction entre les *Confréries*, la *Basoche* et les *Enfants Sans-Souci*.
   (*d*) "The French language is above all things clear and precise even at the risk of superfluity." Explain and illustrate this.
2. Philologie* :
   (*a*) Décrivez la formation des verbes inchoatifs.
   (*b*) Qu'est-ce qu'on entend par "la règle de l's" ?
   (*c*) Donnez l'étymologie de : blâme, orgue, hôtel, sevrer, avoué, délié, lier, livrer : dans quelle autre forme se trouvent ces mots, et avec quelle différence de sens ?
3. Histoire* :
   (*a*) Comparez le caractère de Frédégonde avec celui de Brunehaut.
   (*b*) Racontez ce que vous savez de Dagobert.
   (*c*) Expliquez les termes suivants : Neoster-rike, Oster-rike, morgane-ghiba, mâl, arimans, wer-gheld.

* On ne traitera que deux questions sur trois, mais on n'a le choix qu'entre *a* et *b*.

GERMAN.

FIRST PAPER—Two Hours.

1. Translate into English :

Der Einsamkeiten tiefste schauend unter meinem Fuss,
Betret' ich wohlbedachtig dieser Gipfel Saum,
Entlassend meiner Wolke Tragwerk, die mich sanft
An klaren Tagen über Land und Meer geführt.
Sie löst sich langsam, nicht zerstiebend, von mir ab.
Nach Osten strebt die Masse mit geballtem Zug,
Ihr strebt das Auge staunend in Bewundrung nach.
Sie teilt sich wandelnd, wogenhaft, veranderlich ;

Doch will sich's modeln.—Ja! das Auge trügt mich nicht!
Auf sonnbeglänzten Pfühlen herrlich hingestreckt,
Zwar riesenhaft, ein göttergleiches Fraungebild,
Ich seh's! Junonen ähnlich, Leda'n, Helenen.
Wie majestätisch lieblich mir's im Auge schwankt!
Ach, schon verrückt sich's! formlos breit und aufgetürmt,
Ruht es in Osten, fernen Eisgebirgen gleich,
Und spiegelt blendend flücht'ger Tage grossen Sinn.

GOETHE, *Faust*, ii. 4.

Answer SIX *of the following questions, taking* TWO *from* A, TWO *from* B, *and* TWO *from* C. *The answers are to be given in* GERMAN:—

A.

2. Welchen Einfluss hatte Lessing auf die Entwicklung der allgemeinen Weltanschauung in Deutschland? Auf welchem Felde hat er dieselbe besonders fortgebildet und in welcher Weise?

3. Worin besteht die Fortbildung des Faustproblems des sechzehnten Jahrhunderts bis einschliesslich des Problemes von Goethes Faust? Inwiefern hängt diese Fortbildung mit der Entwicklung der allgemeinen Weltanschauung zusammen?

4. Welches ist die Entwicklung des Eheproblems in der deutschen Dichtung des achtzehnten Jahrhunderts von Gellerts Schwedischer Gräfin bis zu Schillers Kabale und Liebe?

5. Inwiefern kann man sagen, dass in der dramatischen Dichtung Lessings, Goethes und Schillers zum ersten Male der geistige Gehalt der griechischen Tragik auf die deutsche Literatur wirkt? Welche Einschränkungen erleidet diese Wirkung und wodurch erleidet sie dieselben?

B.

6. Charakterisieren Sie Gottscheds, Breitingers, Lessings und Schillers Theorie der Dichtung.

7. Mittels welcher Werke, in welchen Punkten und zu welchen Zeiten hat die englische Literatur im achtzehnten Jahrhundert bestimmend auf die deutsche Literatur eingewirkt?

8. Was wissen Sie uber das zeitliche, inhaltliche und künstlerische Verhaltnis des Göchhausenschen Faust, des Fragments Faust, des Ersten Teiles Faust und des Zweiten Teiles Faust zu einander?

9. Nennen Sie Wielands bedeutendste philosophische Romane und geben Sie ihre Themen im einzelnen an.

C.

10. Was ist das Verhältnis von Schillers Dramen Wilhelm Tell und Maria Stuart zu der wirklichen Geschichte?

11. Erzählen Sie den Inhalt eines der folgenden Werke in den Hauptumrissen: Wilhelm Meisters Wanderjahre; Zweiter Teil Faust; Die beiden Piccolomini; Der Geisterseher; Emilia Galotti; Oberon.

12. Was wissen Sie über Entstehung, Inhalt, Wirkung der Hamburgischen Dramaturgie?

13. Zählen Sie die Haupteinflüsse auf, welche Lessings Leben, Studiengang und Denkrichtung bestimmten.

14. Geben Sie eine Skizze von Schillers Leben von der Vollendung des Don Carlos bis zur Vollendung des Wallenstein.

SECOND PAPER—Two Hours.

1. Translate into German direct speech :

Mr. Balfour said—There was one systematic philosopher of their own day who had applied the principle of the transmission of qualities acquired so persistently in every department of his theory of Man, that were it to be upset, it was scarcely too much to say that his Ethics, his Psychology, and his Anthropology would all tumble to the ground with it. Yet that doctrine had for many years been questioned by a great English authority, and, as many of his hearers were aware, it had been directly controverted by one of the most eminent living German biologists. This was not the occasion, and assuredly he, Mr. Balfour, was not the person, to attempt to sum up the argument or to pronounce upon the merits of this interesting controversy. For his present purpose it would be enough if he reminded his audience that Weismann's conclusions were largely based on the extreme difficulty of conceiving any possible theory of heredity by which the transmission of acquired qualities could be accounted for ; on the relative simplicity and plausibility of his own theory of heredity, according to which the transmission would be impossible ; and on the absence of any conclusive proof that the transmission had ever taken place.

A. J. Balfour, *A Fragment on Progress.*

2. Translate into English :

Der Zustand des Affektes für sich selbst, unabhängig von aller Beziehung seines Gegenstandes auf unsere Verbesserung oder Verschlimmerung, hat etwas Ergötzendes für uns ; wir streben, uns in denselben zu versetzen, wenn es auch einige Opfer kosten sollte. Unsern gewöhnlichsten Vergnügungen liegt dieser Trieb zum Grunde ; ob der Affekt auf Begierde oder Verabscheuung gerichtet, ob er seiner Natur nach angenehm oder peinlich sei, kommt dabei wenig in Betrachtung. Vielmehr lehrt die Erfahrung, dass der unangenehme Affekt den grössern Reiz für uns habe und also die Lust am Affekt mit seinem Inhalt gerade in umgekehrtem Verhältnis stehe. Es ist eine allgemeine Erscheinung in unserer Natur, dass uns das Traurige, das Schreckliche, das Schauderhafte selbst, mit unwiderstehlichem Zauber an sich lockt, dass wir uns von Auftritten des Jammers, des Entsetzens, mit gleichen Kraften weggestossen und wieder angezogen fühlen.

Schiller, *Ueber die tragische Kunst.*

Answer SIX *of the following questions, taking* TWO *from* A, TWO *from* B *(of which* B 9 *must be one), and* TWO *from* C. *The answers may be given in English or in German.*

A.

3. What is the origin and the evolution of the relative pronouns in German? What relics of the oldest way of forming relative clauses have been preserved?

4. How did the passive voice originate in German? What was its original meaning? What were its forms in Old High German and Middle High German?

5. Explain the meaning and origin of *Kind und Kegel*, *Wonne und Weide*, *Bausch und Bogen*, *Hülle und Fülle*, *Schrot und Korn.*

6. What do you know about the origin of the German prepositions? In what way did the cases governed by them change? What change regarding the use of the simple prepositions is at present going on in the New High German language?

7. Explain the original meanings and present meanings of *müssen*, *mögen*, *dürfen*, and give an historical account of the evolution of meaning of *dürfen.*

B.

8. What do you know about the development of the German metres? What influence in this development had the Latin metres, and to what period is that influence limited?

9. Point out the context in which the following lines appear:

(*a*) Komm du hervor, du Bringer bittrer Schmerzen,
Mein teures Kleinod jetzt, mein hochster Schatz.

(*b*) Wem eignet Gott? Was ist das für ein Gott,
Der einem Menschen eignet?

(*c*) Du sprichst ein grosses Wort gelassen aus.

(*d*) Wo viel Freiheit, ist viel Irrtum,
Doch sicher ist der schmale Weg der Pflicht.

(*e*) Wohl dem, der frei von Schuld und Fehle
Bewahrt die kindlich reine Seele.

(*f*) Denn alle Schuld rächt sich auf Erden.

10. What is the relationship between Dutch, Frisian, Swedish, Old Saxon and Middle High German? Show it by means of a genealogical table.

11. Point out the principal differences between Lessing's, Goethe's, and Schiller's syntactical usage and the best usage of the German of to-day.

C.

12. What are the rules regarding the gender of foreign words in German?

13. In what cases have abstract nouns usually the article in German? Give examples.

14. Translate idiomatically—To dinner, in bed, from home, on foot, in a coach, in self-defence, in a hurry, she is an actress, Judaism, Monarchy, Democracy, Cinderella, The Sleeping Beauty, Will o' the Wisp, from under the table, to feed on, to take advantage of.

15. What do you know about the order of words in German clauses? Give examples.

B.—DEPARTMENT OF MENTAL PHILOSOPHY.

LOGIC AND METAPHYSICS—Three Hours.

I. For Students of any Session before 1894-95.

(*Candidates who take this paper are required to answer* TEN *questions*, FIVE *of which must be chosen from section* A, *and* FIVE *from section* B.)

A.

1. "Science regards causality as only another name for uniformity of sequence, but to philosophy it must be more than this." Explain and discuss this statement.

2. What views were held by Reid, Hamilton, and Kant, as to the guarantee of First Principles?

3. "By matter we mean only the permanent possibility of sensation." By whom was this view held, on what grounds was it maintained, and what is its value?

4. Explain and examine Hamilton's Organic and Locomotive Theory of Perception.

5. In what different ways have the laws which are said to govern the Association of Ideas been classified? Give some illustrations of the various laws.

6. Explain the distinction between the primary and the secondary qualities of matter, and state carefully the various forms it has assumed in modern philosophy.

7. Show the connection between Descartes' method and the dualism between mind and matter which he ultimately reaches.

8. State and examine Hume's explanation of Personal Identity.

9. Compare the answers of Reid and Kant to Hume, and point out their merits and their defects.

10. Explain carefully what Kant meant by a Transcendental Deduction of the Categories. Compare his view with other views.

B.

1. Explain the distinction between the form and the matter of thought. What objections have been brought against it, and with what justice?

2. State and explain the general characteristics of the Concept or Notion.

3. State the formal laws of thought, and discuss the main objections that have been brought against each of them.

4. What are the Predicables? Show carefully how they are related to, and distinguished from, one another.

5. Explain Hamilton's doctrine of the quantification of the Predicate. What advantages does he claim for it, and how would he meet the objections raised against it?

6. What moods are valid in each of the Figures? State the special

rules of each Figure, and show how they follow from the general rules of Syllogism.

7. Explain, illustrate, and estimate the value of Analogical Reasoning.

8. Explain and give two examples of each of the following :—Illicit Process of Minor Term, Fallacy of Composition, *A dicto secundum quid ad dictum simpliciter*, *Ignoratio elenchi*, *Non causa pro causâ.*

II. For Students of Session 1894-95.

(*Candidates are required to answer* TEN *of these questions.*)

1. "The end of philosophy is the attainment of truth." "The end of philosophy is the development of our mental faculties." Discuss these two views, and show whether they can be reconciled.

2. "No great thinker was free to think as he pleased." Explain carefully what this means.

3. "Science can give us absolute truths, philosophy only truths of probability." Is this true?

4. What is meant by saying that all scepticism is itself dogmatic? Show how dogmatism, scepticism, and criticism are related to one another.

5. What is the main defect of Descartes' philosophical method? Point out some of the difficulties into which it leads him.

6. What are the defects of a purely inductive method?

7. Explain Locke's distinction between the primary and the secondary qualities of matter. How did Berkeley modify it?

8. Was Berkeley a subjective Idealist? Discuss this fully by referring to the main ideas in his system.

9. To what source are the defects of Locke's theory of Ideas to be traced? Could they be remedied by a theory of Realism like Reid's?

10. "The problem of Knowledge is: How am I to pass from my own mind to other beings and things, or from my own subjective states to a trans-subjective reality?" Discuss this.

11. What different views, as to the relation of body and mind, can be found in Descartes?

12. "The ultimate test of a necessary truth is the inconceivableness of the opposite." Discuss this.

13. What are the Predicables, and how are they distinguished from, and related to, one another?

14. Explain and illustrate the main forms of immediate inference.

MORAL PHILOSOPHY—Three Hours.

A.—For Students of Session 1894-95.

(*Candidates are required to answer* NINE *questions.*)

1. In what sense can it be said that all consciousness is philosophic? Distinguish between the unity sought in Art and in Philosophy.

2. Discuss the question whether Ethics can be regarded as one of the special sciences.

3. Examine the theory that there are two ultimate explanations of the world, and show how this view has arisen.

4. "Evolution makes the freedom of man possible, Causality does not." Examine this statement.

5. What characteristics have the moral ideal and the ideal of knowledge in common?

6. What is "the object of desire"? Explain and criticise the view that all desire is for pleasure.

7. Distinguish between the individualism of Epicurus and of Hobbes.

8. Give a critical account of the use of Associationism in modern hedonistic theories.

9. "Virtue is conformity to Nature." What did the Stoics mean by this statement?

10. Give Kant's view of the relation between Reason and Desire, and indicate the main consequences which resulted therefrom.

11. The processes of knowing and of willing reveal, but do not create, relations between the self and the not-self.

12. "Morality is self-assertion." "Morality is self-sacrifice." Can you reconcile these views.

B.—For Students of Session 1893-94, 1889-90, or 1885-86.

(*Candidates are required to answer* NINE *questions.*)

1. On what grounds can it be held that Socrates developed the position of the Sophists?

2. In what ways did Aristotle modify the Socratic view that Virtue is Knowledge?

3. On what grounds can it be held that the Aristotelian view of the State was more adequate than Plato's?

4. Discuss Aristotle's Doctrine of the Mean, with special reference to Kant's criticism of it.

5. State and examine Aristotle's view of the relation between the practical and the contemplative life.

6. Would you regard Aristotle as a Hedonist?

7. "Virtue is one." Apply this doctrine to the list of virtues given by Aristotle.

8. Take any two of Aristotle's virtues, and show how their significance has been deepened in modern Ethics.

9. What, according to Aristotle, is the relation of Ethics to Politics?

10. Illustrate Aristotle's view of self-love by reference to Spencer and Comte.

11. What is Socialism? Give a critical account of any socialistic system.

12. Discuss Aristotle's view of the relation between the sensitive and the rational life.

C.—For Students of 1892-93; 1890-91; 1888-89; or any Session before 1885-86.

(*Candidates are required to answer* NINE *questions.*)

1. In what respects does Hume modify the position of Locke?

2. Analyse the conception of organism, and show how far it is applicable to society.

3. What is the "Paradox of Hedonism," and wherein lies its significance?

4. "Philosophy is at once the most abstract and the most concrete form of knowledge." Explain this statement.

5. "All action is self-regarding." Give and criticise Butler's views on this matter.

6. "Man is not free unless reason constitutes his motives." Give a careful explanation of this statement.

7. Give and criticise Comte's view of the relation of religion and morality.

8. State and explain Kant's third statement of the principle of morals, and show in what ways it corrects the defects of the second statement.

9. Contrast the Greek State with any modern Socialistic theory.

10. Can you reconcile the view that virtue is knowledge with the view that it is habit?

11. What different ways are there of dealing with cases of apparent collision of duties?

12. What different views are held regarding the idea of development?

D.—For Students of 1891-92 or 1887-88.

(*Candidates are required to answer* NINE *questions.*)

1. Briefly characterise the Pre-Socratic morality of Greece.

2. What defects are there in the Socratic view of virtue, and how does Plato correct them?

3. Distinguish carefully between Plato's view of the rise of the State with the doctrine of Hobbes.

4. Discuss Plato's view of art in relation to the education of man.

5. State Plato's theory of Reminiscence. How otherwise would you explain the same facts?

9. Discuss Plato's treatment of the Sophists.

7. Examine Aristotle's criticism of Plato's Ideal Theory.

8. Give Plato's view of justice, and distinguish it from his view of temperance.

9. State and examine Plato's arguments for immortality.

10. Discuss Plato's view of the relation of right and duty.

11. Give and examine Plato's account of the corruption of the Ideal State.

12. What does Plato mean by "Opinion"? Estimate his treatment of it.

POLITICAL ECONOMY—Three Hours.

I. For all Candidates.

(Four *questions only need be answered.*)

1. Give anything you know of theories of Value.

2. Define, so far as you can, the part played by Labour and that played by Capital in production.

3. Show the relations of Credit to Capital.

4. Explain why an old and progressive country generally has an excess of imports, while a backward country has an excess of exports.
5. Give some account of the origin of the 15½ : 1 ratio, and of what happened, as regards it, in 1853 and 1873.
6. Compare the banking systems of various countries.
7. Give some historical conceptions of "productive labour," and state your own.

II. For Students of Session 1894-95 only.

(Four *questions only need be answered.*)

1. Give the chief categories of the Imperial Budget and their amounts.
2. Give and explain some of the arguments against taxing vacant building ground.
3. On what principle do we tax Tea, Tobacco, Spirits?
4. Give some account of any of the Sinking Funds.
5. Explain the uses of an Index Number (1) as regards movements of price, (2) as it might be applied to improve the gold standard.
6. Compare the relative position of the English and the Indian wheat grower under the depreciation of silver.
7. Compare a tariff for revenue with a protective tariff. Can the two purposes be served by one tariff?
8. Is there anything to be said for protection in France which does not apply as regards Great Britain?

III. For Students of other Sessions only.

(Four *questions only need be answered.*)

1. Can State Socialism be charged with most of the responsibilities for the increase of public burdens?
2. Give some modes of extinguishing a National Debt.
3. What do you consider the place of Time and of Pain in production?
4. State some of the advantages and disadvantages of large production, illustrating your answer by agriculture in France and in England.
5. Compare silver and gold as fit metals for a medium of exchange.
6. State and explain shortly:—Gresham's Law; Right Money; Balance of Trade; Fair Trade; Law of Malthus; Diminishing Returns.
7. In what various ways can a Note issue be regulated?
8. What part is played by money in economic life? Define carefully its functions, and show how these are realized by our own currency.

EDUCATION.

FIRST PAPER—Two Hours.

Theory of Education.

1. Give some account of the "Factors" in Mental Development.
2. Which of the senses rank high in the intellectual scale? Point out how they are utilized in education.
3. In what various ways is the memory appealed to in education? Show the superiority of cultivating memory by the association of ideas.

4. Ascham says "A good memorie is well known by three properties, if it be quicke in receyving, sure in keeping, and readie in delivering forthe againe." By what means would you seek to cultivate each of these three properties in a child?

5. For what purposes and to what extent may discipline be exercised in school? Give some rules for the regulation of school discipline.

6. What principles according to Bentham should determine the measure of a punishment?

7. What is meant by a habit? How are habits formed and strengthened? What is the relation of character to habit?

8. On what characteristics of child nature can moral training be based, and how can they be utilized for this purpose in school?

SECOND PAPER—Two Hours.

A. Methods of Education.

1. What according to Herbert Spencer are the general principles of method in education? Illustrate the method of proceeding from the simple to the complex.

2. State in detail your method of teaching Geography *or* History throughout the several classes in a school.

3. For what different purposes do teachers use the method of questioning? Describe the general character of questions suitable at the beginning of a lesson, of those during its course, and of those at the end.

4. Give a brief account of the principles to be observed in lighting and ventilating schools.

B. History of Education.

5. Describe the chief features of the Jesuit system of education.

6. State and criticise Milton's definition of education, and give an outline of the scheme which he drafted to realise his views.

7. Give some account of Pestalozzi's work at Neuhof and Stanz. To what educational principles did that work lead him?

8. On what characteristics of child nature did Froebel base his Kindergarten system?

9. Give a short account of the essential features of the Training System as devised by David Stow.

C.—DEPARTMENT OF SCIENCE.

MATHEMATICS.

FIRST PAPER—Three Hours.

1. Upon the same base and upon the same side of it there cannot be two triangles having the two sides terminated at one extremity of the base equal to one another, and also those which are terminated at the other extremity equal to one another.

2. The straight lines which join the extremities of two equal and parallel straight lines towards the same parts are also themselves equal and parallel.

Prove that the line drawn through the middle point of one side of a triangle parallel to a second side bisects the third side.

3. If a straight line be divided into two equal and also into two unequal parts, the squares of the two unequal parts are together double of the square of half the line, and of the square of the line between the points of section.

4. Describe a square that shall be equal to a given rectilineal figure.

If a line AB be divided in C so that the rectangle contained by AB, BC is equal to the square on AC, prove that three times the square on AC is equal to the sum of the squares on AB, BC, and that five times the square on AC is equal to the squares on AB, BC, together with twice the rectangle contained by AB, BC.

5. If a straight line touch a circle and from the point of contact a straight line be drawn cutting the circle, the angles made by this line with the line which touches the circle are equal to the angles in the alternate segments of the circle.

A straight line ABC touches a circle at B, and ADE is a diameter cutting the circle at D and E, prove that BD, BE bisect the angles which AB makes with a perpendicular let fall from B on AE.

6. Upon a given straight line to describe a segment of a circle containing an angle equal to a given rectilineal angle.

Given the base of a triangle the vertical angle and the sum of the sides, construct the triangle.

7. About a given circle describe a triangle equiangular to a given triangle.

Show that the three bisectors of the angles of a triangle meet at the centre of the inscribed circle.

8. If four straight lines be proportionals the rectangle contained by the extremes is equal to the rectangle contained by the means, and conversely.

If an angle of a triangle be bisected by a straight line which likewise cuts the base, the rectangle contained by the sides of the triangle is equal to the rectangle contained by the segments of the base together with the square on the straight line bisecting the angle.

9. If from any angle of a triangle a perpendicular be drawn to the opposite side, the rectangle contained by the sum and difference of the other two sides is equal to the rectangle contained by the sum and difference of the segments into which the base is divided by the perpendicular.

10. When is a line said to be perpendicular to a plane?

Draw a straight line perpendicular to a plane from a given point without it.

11. Two straight lines not in the same plane being given in position, show how to draw a straight line to meet them both at right angles.

SECOND PAPER—THREE HOURS.

1. Simplify the expressions

$$\frac{4a^3x+51a^2x^2+10x^4-48ax^3-15a^4}{4ax-5x^2+3a^2};$$

$$\frac{8ax}{1+\cfrac{1}{-1+\cfrac{8x}{5a}}}+2a^2+\frac{a}{1+\cfrac{1}{1-\cfrac{1-6a}{1-3a}}}.$$

2. Find the G.C.M. and the L.C.M. of

(i.) $12x^4-13x^3-34x^2+35x,\ 4x^2-19x+21$;

(ii.) $x^3-19x+30,\ x^4-5x^3+5x^2+5x-6$.

3. If a, b, c be the roots of a cubic equation, show that the equation may be written

$$x^3-(a+b+c)x^2+(ab+bc+ca)x-abc=0.$$

Hence prove that

$$a^3+b^3+c^3-3abc=(a+b+c)(a^2+b^2+c^2-ab-bc-ca).$$

4. A piece of gold alloyed with silver weighs 10 pounds avoirdupois. A specimen of pure gold weighed in water loses 5·2 per cent. of its weight, and a specimen of silver weighed in water loses 9·9 per cent. of its weight. The alloy itself weighed in water loses 10 ounces. How much of each metal is there in its composition?

5. Prove that if

$$(a+b+c+d)(a-b-c+d)=(a+c-b-d)(a+b-c-d),$$

then
$$\frac{a}{b}=\frac{c}{d}.$$

Derive from the last relation also the equation

$$\frac{a^3+3a^2b+b^3}{c^3+3c^2d+d^3}=\frac{a^3+b^3}{c^3+d^3}.$$

6. Solve the simultaneous equations

$$\frac{x}{a-b}-\frac{y}{a+b}=1,\quad \frac{x}{a+b}+\frac{y}{a-b}=1.$$

If you can, illustrate your solution graphically.

7. Solve the equations

(i.) $(x+\frac{5}{2})(x-\frac{3}{2})-(x+5)(x-3)=-\frac{3}{4}$,

(ii.) $(x^2+x+2)^{\frac{1}{3}}+(x^2+x-1)^{\frac{1}{3}}=3$,

(iii.) $x+y+\sqrt{xy}=14,\quad x^2+y^2+xy=84$.

8. A certain number consisting of two digits when divided by the product of its digits gives a quotient 3. If 18 be added to the number the sum is equal to the number obtained by interchanging the digits. Find the number.

9. The numbers $\sqrt{3}/\sqrt{2}$ and $27/8$ are the first and sixth terms of a geometric progression. Find the intermediate terms.

Sum to n terms the series

$$1+(a+b)+(a^2+ab+b^2)+(a^3+a^2b+ab^2+b^3)+\text{etc.}$$

10. State the binomial theorem. Under what restrictions can the theorem be applied when the exponent is not a positive integer?

Apply the theorem to the calculation of $\sqrt{5}(=2\sqrt{1+\frac{1}{4}})$ to four places of decimals.

11. Define a logarithm, and show that the logarithms of a series of numbers in geometrical progression are a series of numbers in arithmetical progression. Hence show how by the process of inserting geometric means a series of numbers and their corresponding logarithms can be calculated.

Find without using Tables the value of

$$10\log\tfrac{3}{2}+7\log\tfrac{5}{18}+4\log\tfrac{48}{25}.$$

What are the advantages of taking 10 as the base of a system of logarithms?

12. Prove that $\tan A-\tan\frac{A}{2}=\tan\frac{A}{2}\sec A,$

and that if $\sin(\alpha+\beta)\cos\gamma=\sin(\alpha+\gamma)\cos\beta,$

either $\beta-\gamma=m\pi,$ or $\alpha=(2m+1)\frac{\pi}{2}.$

13. The angle of elevation of the top of the mast of a ship as seen from the sea level is $\frac{1}{100}$ of a radian. The ship is sailing at a constant speed of 4 statute miles an hour in the direction at right angles to the line drawn from its position when this observation is made to the place of observation, and after half an hour the angle of elevation has sunk to $\frac{1}{200}$ of a radian. Find the distance of the ship and height of the top of the mast above the sea level.

14. A town C is half-way between the towns D, E, and the towns C, E, F are equidistant from each other. Compare the distance of D from F with its distance from E.

NATURAL PHILOSOPHY.

FIRST PAPER—THREE HOURS.

1. Define velocity, acceleration, stating carefully units of each.

A train runs a distance of 11 miles in 20 minutes. For the first mile it is uniformly accelerated from rest, for the last mile uniformly retarded to rest again, and the remaining 9 miles are run with uniform velocity. Find the uniform speed and the acceleration of the train.

2. Explain the equation $F=ma$, defining the terms you use.

A pendulum consisting of a massive particle suspended by a fine thread 30 feet long, is deflected through an angle of 30° from the vertical, and then left to itself. Find the acceleration and the stretching force in the cord at starting.

3. Define Work, Energy, Potential Energy, Kinetic Energy, illustrating your definitions by examples.

Apply the principle of energy to find the velocity of the pendulum bob in the last question when it is vertically beneath the point of support. Calculate the stretching force in the cord at that instant.

4. A bullet weighing an ounce is moving with a velocity of 1600 feet per second, and is fired horizontally into (and is retained by) a mass of 10 lbs. of wood suspended as the bob of a pendulum by a cord the mass of which may be neglected. Find the initial velocity of the wood, and the kinetic energy of the system just before and just after impact.

What has become of the difference of kinetic energy, if any?

5. Explain as clearly as you can in what manner the earth's rotation affects the value of the apparent force of gravity at the surface of the earth.

Compare the effect at latitudes 0°, 30°, 45°.

6. Three beams of wood each 30 feet long equally inclined to the vertical are united together at their upper ends, and their lower ends form the vertices of an equilateral triangle of 6 feet length of side. A mass of 5 tons is hung from the point of meeting, and the lower ends are prevented from moving outwards by being connected by a chain passing round the triangle. Find, neglecting the weight of the beams, the stretching force in the chain. State the units in which you give the answer.

7. Explain without analysis how any number of forces can be reduced to a single force and a single couple.

What condition must be fulfilled in order that the moment of the couple may be (1) a minimum, (2) zero?

Three forces of 4, 4, 5 poundals act in order along the sides and hypotenuse of an isosceles right-angled triangle of area 8 square feet. Find a single force and the moment of a single couple which would produce equilibrium.

8. Show that if a band is stretched round a cylinder of radius r under a stretching force T, the pressure on the cylinder per unit of length is T/r.

A bicycle-tire is stretched with a force of 30 lbs. weight, find the radial pressure per unit of length of the wheel exerted by the band supposing the diameter of the wheel to be 20 inches. State the units in which your answer is given.

Supposing the wheel to be spun round on its bearings so that the rim runs at 20 feet a second, find the change of pressure on the rim.

9. Define pressure at a point in a fluid, and show that horizontal surfaces are surfaces of equal pressure. Show that this holds for the different communicating parts of a single fluid.

Show that the heights of two fluids in a U-tube above the common surface of separation are inversely as the densities of the fluids, irrespective of the diameters of the limbs, provided these are not too small.

10. Define density and specific gravity, expressing accurately the relation between them.

Explain precisely the hydrostatic principle of the ordinary method of determining the specific gravities of solid bodies.

11. Define height of the homogeneous atmosphere, and express it in terms of the pressure and density of the air, and the value of g. Explain carefully why the height of the homogeneous atmosphere depends on the temperature of the air and not on the height of the barometer.

SECOND PAPER—Three Hours.

1. Define specific gravity of a solid or liquid, and of a gas.

A piece of wire 3·75 metres long weighs 17·5 grammes in air and 15·2 grammes in water. Find the diameter of the wire.

2. Find the weight of 2000 cubic centimetres of dry air at 80° C. and pressure 2·5 cm. of mercury.

3. Define stress, strain, modulus of rigidity, Young's modulus. Explain clearly in the case of each modulus how the strain is measured.

Calculate the Young's modulus for a metal from the following data. A wire twenty feet long and 0·048 inch diameter is stretched elastically 0·3 inch by a pull of 25 lbs. weight.

4. Describe carefully any method (not astronomical) for determining the velocity of light.

5. Explain what is meant by "principal focal length" of a lens, and what by conjugate foci. How is the focal length of a double convex lens calculated? Define index of refraction.

6. What is meant by the phenomenon of "interference" in light? Explain what occurs in the case of the formation of a diffraction spectrum by means of a fine grating.

7. Describe Bunsen's ice calorimeter and explain its action.

A lump of lead weighing two lbs. and heated to the temperature of boiling water is dropped into a hole cut in a block of ice. How much ice is melted? [Specific heat of lead 0·032.]

8. Find how much heat is conducted in half-an-hour across a slab of copper one square metre in area and three centims. thick, one side of which is kept at 16° C. and the other ice-cold.

9. State the Newtonian law of velocity of sound in a gas. What correction must be applied to find the true velocity? Explain the reason for this correction.

10. Define ampere, volt, ohm. State Ohm's law. Explain how it is that the C.G.S. unit of electric resistance is made to depend on a velocity.

11. Describe Volta's Condensing Electroscope. Describe an experiment for showing contact electricity of zinc and copper.

Chemistry—See p. 460.
Zoology—See p. 461.
Botany—See p. 460.

D.—DEPARTMENT OF HISTORY AND LAW.

HISTORY.

I. British History to 1660.

(*Not more than* EIGHT *questions should be attempted.*)

1. Describe, with a map, the spheres occupied by the various races which peopled the British Islands in the year 1066.

2. Examine the causes which led to the final supremacy of Wessex.

3. Describe the measures by which the first three Norman kings attempted to curb feudalism.

4. Compare the importance of the reigns of Malcolm III., David I., and James I. in the development of Scottish history.

5. Describe a mediaeval battle. Illustrate your answer from either Falkirk, Crecy, or Towton.

6. Explain, and illustrate with a genealogical table, the claims of the Tudors and Stewarts to the English throne.

7. How did the composition of the Scottish Parliament differ from that of the English Parliament?

8. Account for the distress which prevailed among the lower classes in the Tudor times.

9. What was the importance of the following?—

The Statute of *Quia Emptores*, 1290;
The Act of Supremacy, 1562;
The Petition of Right, 1628;
The Solemn League and Covenant, 1638.

10. Trace, with a rough map, *either* the campaigns of 1643 in England *or* Montrose's campaign of 1644-5.

11. Account for the failure of Oliver Cromwell to maintain harmonious relations with Parliament during the Protectorate.

12. Explain the references in the following passages from Scott's *Marmion*:

(*a*) "The flash of that satiric rage,
Which, bursting on the early stage,
Branded the vices of the age,
And broke the keys of Rome."

(*b*) "And thus for France's queen he drest
His manly limbs in mailèd vest."

(*c*) "Princes and favourites long grew tame,
And trembled at the homely name
Of Archibald Bell-the-Cat."

II. British and European History, 1660-1715.

(*Not more than* EIGHT *questions should be attempted.*)

1. Account for the decline of Spain during the 17th century.

2. State *your own* opinion of the character of Louis XIV.

3. Enumerate the principal acts of the Restoration Government against religious freedom (1) in Scotland, (2) in England. How far were they successful?

4. Give an account, with dates, of the events connected with the following places:—The Rye House, Hounslow Heath, Limerick, Steinkirk, Minorca, Almanza.

5. Trace the chief stages in the growth of English naval power during the period.

6. Explain the various attempts which were made between 1660 and 1689 to knit together confederations against Louis XIV. How far were they successful?

7. Compare the effects of the Revolution upon Church and State in England and Scotland respectively.

8. Explain the chief provisions of the Act of Settlement, 1700, and show their prospective importance.

9. Estimate the services of Colbert to the government of France.

10. Give an account of the various claims advanced to the throne of Spain. Which claimant threatened the liberties of Europe least?

11. How far were the provisions of the Treaty of Utrecht satisfactory from the point of view of English interests?

12. Discuss the accuracy of the statement that the Peace of Westphalia closed the epoch of religious wars in Europe.

Roman Law—See Civil Law, p. 467.

Public Law—See p. 470.

II. FOR DEGREE OF M.A. WITH HONOURS

(and for Snell Exhibition, April, 1895).

A.—GROUP OF CLASSICS.

LATIN TRANSLATION—Three Hours.

1. Translate :—
    (*a*) Hor. *Sat.* II. iii. 272—280.
    (*b*) Virg. *Aen.* XII. 391—406.
2. Translate any *two* of the following passages :—
    (*a*) Plaut. *Rudens*, 574—584.
    (*b*) Juv. VIII. 39—50.
    (*c*) Pers. IV. 10—21.
    (*d*) Catull. LXVI. 51—64.
3. Translate *three* of the following passages :—
    (*a*) Cic. *Phil.* V. 3—6.
    (*b*) Cic. *Epp.* (Prichard & Bernard, p. 67) Att. VII. 2.
    (*c*) Livy, XXIII. xlii. 9—11.
    (*d*) Tac. *Ann.* III. 70.
4. Translate the following unseen passage :—

Lai umbra dormientem Eteoclem adloquitur.

Tunc senior quae iussus agit, neu falsa videri
Noctis imago queat, longaevi vatis opacos
Tiresiae vultus vocemque et vellera nota
Induitur; mansere comae, propexaque mento
Canities pallorque suus: sed falsa cucurrit
Infula per crines, glaucaeque innexus olivae
Vittarum provenit honos. Dehinc tangere ramo
Pectora, et has visus Fatorum expromere voces:
Non somni tibi tempus iners, qui nocte sub alta
Germani secure iaces: ingentia dudum
Acta vocant rerumque graves, ignave, paratus.
Tu, veluti magnum si iam tollentibus Austris

Ionium nigra iaceat sub nube magister,
Immemor armorum versantisque aequora clavi,
Cunctaris; iamque ille novis (scit Fama) superbus
Connubiis viresque parat, quis regna capessat,
Quis neget! inque sua senium sibi destinat aula.
Dant animos socer augurio fatalis Adrastus,
Dotalesque Argi: nec non in foedera vitae
Pollutus placuit fraterno sanguine Tydeus.
Hinc tumor, et longus fratri promitteris exsul.

LATIN PROSE—Three Hours.

It must be acknowledged that there are few parts of the universe which seem not to serve some purpose, and whose removal would not produce a visible defect and disorder in the whole. The parts hang all together; nor can one be touched without affecting the rest, in a greater or less degree. But at the same time, it must be observed, that none of these parts, however useful, are so accurately adjusted, as to keep precisely within those bounds in which their utility consists; but they are all of them apt, on every occasion, to run into the one extreme or the other. One would imagine, that this grand production had not received the last hand of the maker; so little finished is every part, and so coarse are the strokes with which it is executed. Thus, the winds are requisite to convey the vapours along the surface of the globe, and to assist men in navigation: but how oft, rising up to tempests and hurricanes, do they become pernicious? Rains are necessary to nourish all the plants and animals of the earth: but how often are they defective? how often excessive? Heat is requisite to all life and vegetation; but is not always found in the due proportion. What more useful than all the passions of the mind, ambition, love, anger? But how oft do they break their bounds, and cause the greatest convulsions in society? There is nothing so advantageous in the universe, but what frequently becomes pernicious, by its excess or defect.

LATIN GENERAL PAPER—One Hour and a Half.

1. Translate, with notes on syntax, reading, or allusions:—
   - (*a*) Hos parere iubent Alpheae ab origine Pisae,
     Urbs Etrusca solo. (Virg.)
   - (*b*) Quo mihi fortuna, si non conceditur uti? (Hor.)
   - (*c*) Nam scelus, a Pyrrha quamquam omnia syrmata volvas,
     Nullus apud tragicos populus facit. (Juv.)
   - (*d*) Eloquium ac famam Demosthenis aut Ciceronis
     Incipit optare et totis quinquatribus optat,
     Quisquis adhuc uno parcam colit asse Minervam. (Juv.)
   - (*e*) Coleret Segestes victam ripam, redderet filio sacerdotium hominum. (Tac.)

(*f*) Responsum a Pisone precibus contumacibus; discesseruntque apertis odiis. Post quae rarus in tribunali Caesaris Piso, et si quando adsideret, atrox ac dissentire manifestus. (TAC.)

2. Where did Virgil get the knowledge which he communicates in the Georgics? How far is he justified in calling the poem 'Ascraeum carmen'?

Or, Who were the main authorities employed by Tacitus in the composition of the Annals? To what extent is their evidence questionable?

3. Within what limits is it allowable to explain constructions found in Latin authors as Graecisms? Illustrate your answer by examples.

Or, Of what service has Comparative Philology been towards the reconstruction of history?

4. Describe the part played by literature in Roman politics.

Or, Illustrate from your books the state of the provinces under the Empire.

5. Give a succinct account of the constitutional changes by which the Republic was transformed into the Empire.

Or, Narrate the incidents of the struggle of Rome with the Celts for the supremacy in N. Italy.

GREEK TRANSLATION—THREE HOURS.

(*In questions* 1—4 *no candidate is to select a passage from any of his special books.*)

1. Translate *one* of the following passages:—
    (*a*) Homer, *Od.* VIII. 73—81.
    (*b*) Homer, *Il.* X. 462—470.
    (*c*) Homer, *Il.* XXII. 324—335.
    (*d*) Eurip. *Iph. Aul.* 1036—1047.
2. Translate *one* of the following:—
    (*a*) Thuc. I. 25.
    (*b*) Thuc. III. 67.
    (*c*) Thuc. V. 105.
3. Translate *one* of the following:—
    (*a*) Plato, *Phaed.* XXX. 81 C—D.
    (*b*) Plato, *Prot.* XI. 321 B—C.
4. Translate *two* of the following:—
    (*a*) Aesch. *Agam.* 1115—1124 (1146—1155).
    (*b*) Aesch. *Eum.* 820—828 (858—868)
    (*c*) Soph. *O. T.* 702—709.
    (*d*) Eur. *Phoen.* 344—354.
5. Translate the following unseen passage:—

Demeter bereft of Kore.

Δρομαίων δ' ὅτε πολυπλανήτων
μάτηρ ἔπαυσε πόνων,
ματεύουσ' ἀπόρους
θυγατρὸς ἁρπαγὰς δολίους,
χιονοθρέμμονας διέπερσ'

'Ιδαιᾶν Νυμφᾶν σκοπιάς·
ῥίπτει δ' ἐν πένθει
πέτρινα κατὰ δρία πολυνιφέα·
βροτοῖσι δ' ἄχλοα πεδία γᾶς
οὐ καρπίζουσ' ἀρότοις
λαῶν [δὲ] φθείρει γενεάν·
ποίμναις δ' οὐχ ἵει θαλερὰς
βοσκὰς εὐφύλλων ἑλίκων·
πολέων δ' ἀπέλειπε βίος,
οὐδ' ἦσαν θεῶν θυσίαι,
βωμοῖς τ' ἄφλεκτοι πέλανοι.

SPECIAL BOOKS.

6. Translate, with brief notes, the passages in *three* of the following sections :—

A. Hom. *Od.* IX.—XII.

(*a*) Ἀλλά με σός τε πόθος σά τε μήδεα, φαίδιμ' Ὀδυσσεῦ,
σή τ' ἀγανοφροσύνη μελιηδέα θυμὸν ἀπηύρα.
(*b*) Θαῦμά μ' ἔχει ὡς οὔτι πιὼν τάδε φάρμακ' ἐθέλχθης.
οὐδὲ γὰρ οὐδέ τις ἄλλος ἀνὴρ τάδε φάρμακ' ἀνέτλη.

B. Hom. *Il.* XVI., XIX., XXII.

(*a*) Αἶψά τε φυλόπιδος πέλεται κόρος ἀνθρώποισιν,
ἧστε πλείστην μὲν καλάμην χθονὶ χαλκὸς ἔχευεν,
ἄμητος δ' ὀλίγιστος, ἐπὴν κλίνῃσι τάλαντα
Ζεὺς, ὅστ' ἀνθρώπων ταμίης πολέμοιο τέτυκται.
(*b*) Τῶν δ' ἐλεησάντων κοτύλην τις τυτθὸν ἐπέσχεν,
χείλεα μέν τ' ἐδίην', ὑπερῴην δ' οὐκ ἐδίηνεν.

C. Aesch. *Choeph.*

(*a*) Καὶ δὴ θυρωρῶν οὔτις ἂν φαιδρᾷ φρενὶ
δέξαιτ', ἐπειδὴ δαιμονᾷ δόμος κακοῖς.
(*b*) Ἔοικε νῦν αὐτῆς ἐπὶ ξυροῦ πέλας
αὐχὴν πεσεῖσθαι πρὸς δίκην πεπληγμένος.

D. Eurip. *Hippol.*

(*a*) Τί σεμνομυθεῖς ; οὐ λόγων εὐσχημόνων
δεῖ σ', ἀλλὰ τἀνδρός. ὡς τάχος διιστέον.
(*b*) Ἔχει δ' ἀνάγκην, ὥστε κηδεύσας καλοῖς
γαμβροῖσι χαίρων σῴζεται πικρὸν λέχος,
ἢ χρηστὰ λέκτρα, πενθεροὺς δ' ἀνωφελεῖς
λαβὼν πιέζει τἀγαθῷ τὸ δυστυχές.

E. Thuc. IV.

(*a*) Καὶ οὐκ ἔφη αὐτὸς ἀλλ' ἐκεῖνον στρατηγεῖν, δεδιὼς ἤδη καὶ οὐκ ἂν οἰόμενός οἱ αὐτὸν τολμῆσαι ὑποχωρῆσαι.

(*b*) Σωφρόνων δὲ ἀνδρῶν οἵτινες τἀγαθὰ ἐς ἀμφίβολον ἀσφαλῶς ἔθεντο· καὶ ταῖς ξυμφοραῖς οἱ αὐτοὶ εὐξυνετώτερον ἂν προσφέροιντο, τόν τε πόλεμον νομίσωσι μὴ καθ' ὅσον ἄν τις αὐτοῦ μέρος βούληται μεταχειρίζειν, τούτῳ ξυνεῖναι, ἀλλ' ὡς ἂν αἱ τύχαι αὐτῶν ἡγήσωνται.

F. Plato, *Apol.*

(*a*) *Ἔδοξέ μοι οὗτος ὁ ἀνὴρ δοκεῖν μὲν εἶναι σοφὸς ἄλλοις τε πολλοῖς ἀνθρώποις καὶ μάλιστα ἑαυτῷ, εἶναι δ' οὔ.*

What is the context of this passage?

(*b*) *Ὥσπερ Γοργίας τε ὁ Λεοντῖνος καὶ Πρόδικος ὁ Κεῖος καὶ Ἱππίας ὁ Ἠλεῖος.*

Give a brief account of these persons.

GREEK PROSE—THREE HOURS.

1. Translate into Greek :—

The enemy were now driven at the point of the bayonet into the great square, and were pursued from house to house, till they threw down their arms and called for quarter; and this was granted them, in the first heat of the onslaught, when, as they afterwards confessed, judging from what they themselves would have done, they expected nothing else than to be massacred. The place was won about nine at night; the troops, British and Portuguese, spread themselves all over the town, and got at the stores, but fortunately a guard was placed in time over the spirit-magazine, in which fifty pipes of good cognac were found: had the men got at these, the amount of deaths would have been increased. It was a scene of wild disorder till daylight. The night was miserably cold, and the men crowded into the ruined houses to make fires: these rotten edifices soon caught the flames, and the conflagration became dreadful. Very little booty was to be gained in a town which the French had sacked, and which, indeed, had been deserted before they occupied it upon their conquest; what the men found was wholesome as well as welcome after their hard fare, and they were seen each carrying three or four loaves stuck upon his bayonet.

2. Translate into English :—

Οὗτοι μέν νυν ταῦτα ἔπρησσον. Θηβαῖοι δὲ μετὰ ταῦτα ἐς θεὸν ἔπεμπον, βουλόμενοι τίσασθαι Ἀθηναίους. ἡ δὲ Πυθίη ἀπὸ σφέων μὲν αὐτῶν οὐκ ἔφη αὐτοῖσι εἶναι τίσιν, ἐς πολύφημον δὲ ἐξενείκαντας ἐκέλευε τῶν ἄγχιστα δέεσθαι. ἀπελθόντων ὦν τῶν θεοπρόπων, ἐξέφερον τὸ χρηστήριον ἁλίην ποιησάμενοι· ὡς ἐπυνθάνοντο δὲ λεγόντων αὐτῶν τῶν ἄγχιστα δέεσθαι, εἶπαν οἱ Θηβαῖοι ἀκούσαντες τούτων "οὐκῶν ἄγχιστα ἡμέων οἰκέουσι Ταναγραῖοί τε καὶ Κορωναῖοι καὶ Θεσπιέες; καὶ οὗτοί γε ἅμα ἡμῖν αἰεὶ μαχόμενοι προθύμως συνδιαφέρουσι τὸν πόλεμον· τί δεῖ τούτων γε δέεσθαι; ἀλλὰ μᾶλλον μὴ οὐ τοῦτο ᾖ τὸ χρηστήριον."

GREEK GENERAL PAPER—ONE HOUR AND A HALF.

(*Answer* FOUR *questions.*)

1. State briefly the characteristic differences between Attic and English oratory.

Or, What are the main points of difference between Aristophanic and modern comedy?

2. What part did Thucydides intend the speeches to play in the general economy of his history?

3. What reasons would you assign for the obscurity now felt in much of the writing of the Greek Tragedians?

4. What traces are there in Greek of the 'working over' of literary compositions by other hands?

5. Trace the symptoms of the decline of Athens from Pericles to Demosthenes, giving illustrations from Attic literature.

6. Compare Athenian methods of taxation with those of modern England.

7. Trace the effect of geographical conditions on the character and history of the Greeks.

8. Discuss the origin and meaning of ἄν and the two negatives.

B.—GROUP OF MENTAL PHILOSOPHY.

LOGIC AND METAPHYSICS.

FIRST PAPER—THREE HOURS.

(SEVEN *questions only to be answered.*)

1. State and discuss the argument against Sensationalism in the *Theaetetus*.

2. What is the value of Descartes' method? Show how the strength and the weakness of his system are connected with it.

3. "Locke held that knowledge was only of isolated particulars." Is this a true statement of Locke's position? Discuss this fully.

4. What is Hume's view of the idea of necessary connexion? How far and in what ways does his view seem to have influenced Kant?

5. "Intuitive Realism only restates the problem to be solved." Discuss this with special reference to Reid.

6. Explain and examine Hamilton's doctrine of the Relativity of Knowledge and the consequences which he draws from it.

7. "I must therefore abolish Knowledge to make room for Belief." Is this an adequate statement (*a*) of the result of Kant's first Critique, and (*b*) of the relation between Knowledge and Faith?

8. Compare Lotze's view of the function of Feeling with Kant's view of the function of Reason.

9. Explain and examine Mill's view of Induction.

SECOND PAPER—THREE HOURS.

(SEVEN *questions only to be answered.*)

1. In what different ways has the distinction between the matter and the form of thought been stated? What seems to you the significance of the distinction?

2. "Knowledge involves more than ideas in the mind; it implies the existence of a trans-subjective reality." Discuss this view fully.

3. How far is Kant's explanation of Knowledge psychological, and how far is it speculative?

4. How does Hegel make the transition from the categories of reflexion to the category of organic unity?

5. Compare Hegel's view of the infinite with that of Locke.

6. "Judgment consists in the comparison of two concepts." "Judgment is the reference of ideal content to reality." Compare these two views, and estimate the value of each of them.

7. Compare carefully the Perception of Space with the Perception of Time, and estimate the value of the theory of "Local Signs" and "Temporal Signs."

8. What is the relation of Association (*a*) to Perception, (*b*) to Thought? Can the so-called laws of Association be reduced to one?

9. State and examine the different views as to the relation between soul and body.

MORAL PHILOSOPHY.

FIRST PAPER—Three Hours.

(*Not more than* SEVEN *questions are to be attempted.*)

1. What is the metaphysical significance of the Idea of the Good in Plato's *Republic?*

2. "The main defects of the ethical theories of Plato and Aristotle spring from their over-estimation of reason." Discuss this view.

3. What is the place in Aristotle's system of his doctrine of the Practical Syllogism?

4. Discuss Kant's view of the relation of the Ideas of Reason to experience. and to things in themselves.

5. How did Kant's formal view of *thought* affect the more important tenets of the Critique of Practical Reason and the Critique of Judgment?

6. "Green, in his doctrine of the Eternal Self-consciousness, converts a logical category into a principle of existence." Is this view correct? Show how it has arisen.

7. It has been held that the moral end is the perfection of individual character, and it has been held that it is the realisation of a social order. Examine these views.

8. What different ways of transition from Egoistic Hedonism to Utilitarianism have been suggested by modern writers? Criticise Sidgwick's and Spencer's.

SECOND PAPER—Three Hours.

(SEVEN *questions only to be attempted.*)

1. "Truth is not reality but an element in it." Examine this view.

2. Examine the distinction between natural good and moral good.

3. Examine the claims of a socialism based upon "equality of opportunity."

4. "Kant endowed the individual from the first with a perfect moral will, Hegel evolved it." Explain and examine this.

5. State briefly the main conditions of moral responsibility.

6. "The Philosophy of Lotze is an attempt to escape the extremes of Scepticism and Absolute Idealism." Illustrate this by reference to one or two of his main positions.

7. State and examine Hume's account of moral freedom.

8. "An affection which is primarily a passion ceases to be passion so soon as we form a clear and distinct idea of it." How does Spinoza reach this principle and what conclusions does he draw from it?

C.—GROUP OF MATHEMATICS AND NATURAL PHILOSOPHY.

MATHEMATICS.

FIRST PAPER—Three Hours.

October, 1894.

1. Define conjugate diameters of an ellipse.

Prove that if P be any point on an ellipse of which C is the centre and S, S' the foci and CD be conjugate to CP, then

$$SP\,.\,S'P = CD^2.$$

Through a point on an ellipse lines are drawn to the extremities P, P' of the diameter, and meet the conjugate CD in points M and N. Prove that

$$CM\,.\,CN = CD^2.$$

2. Prove the formula in spherical trigonometry

$$\cot a \sin C = \cot A \sin B + \cos c \cos B,$$

and write down the other similar formulae.

Deduce the formula in plane trigonometry corresponding to that here stated.

3. Show how to solve a spherical triangle having given two sides and the included angle.

Prove the relation you employ in the solution.

4. Show how to represent a complex number geometrically; and define the terms *amplitude*, *argument*, and *modulus* of a complex number.

Prove that the modulus of the product of any complex numbers is equal to the product of the moduli, and that the argument of the product is equal to the sum of the arguments of the numbers.

5. Define the hyperbolic sine, cosine, and tangent of any quantity ϕ and investigate the elementary relations of these quantities corresponding to those of ordinary trigonometry.

Illustrate geometrically the analogy between the circular and hyperbolic functions.

Prove that

$$\sinh \phi = i \sin i\phi,$$
$$\cosh \phi = \cos i\phi,$$

where $i = \sqrt{-1}$, and hence verify the elementary relations found for $\cosh \phi$, $\sinh \phi$, $\tanh \phi$.

6. Show that the equation

$$x^2 + y^2 + 2gx + 2fy + c = 0$$

represents a circle.

Prove that if $x^2 + y^2 + 2g'x + 2f'y + c' = 0$ represents another circle which intersects the former, the angle at which the circles cut is given by the equation

$$\cos \phi = \frac{2(gg' + ff') - (c + c')}{2rr'},$$

where r, r' are the radii.

7. Show that the equation of a circle cutting three others orthogonally is

$$\begin{vmatrix} x^2+y^2, & -x, & -y, & 1 \\ c_1, & g_1, & f_1, & 1 \\ c_2, & g_2, & f_2, & 1 \\ c_3, & g_3, & f_3, & 1 \end{vmatrix} = 0.$$

8. Write down the equation of an ellipse referred to its centre and principal axes; and hence find the equation of the normal drawn from any point to the ellipse.

Show that four normals can be drawn from any point to an ellipse, and that the feet of these normals lie on an equilateral hyperbola passing through the centre.

9. Explain a graphical method for ascertaining the nature of a curve in the immediate neighbourhood of the origin. Apply it to the curve

$$x^5+y^5-a^2x^2y=0,$$

which fully trace. Trace also the curve

$$x^5+y^5-2a^3xy=0.$$

10. Prove that $$\int_0^\infty \frac{\cos ax}{1+x^2}\,dx = \frac{\pi}{2}e^{-a},$$

and that $$\int_0^\infty \cos(p\rho\sinh\phi)\,d\phi = \int_0^\infty \frac{\cos p\rho\zeta}{\sqrt{1+\zeta^2}}\,d\zeta.$$

11. Explain Fourier's method of expanding an arbitrary function in a trigonometrical series.

Find by this method the expansion

$$\frac{\sinh(\lambda z)}{\cosh(\lambda a)} = \frac{2\lambda}{a}\sum_1^\infty \frac{1}{\lambda^2+\left(\dfrac{n\pi}{2a}\right)^2}\sin\frac{n\pi}{2}\sin\frac{n\pi z}{2a},$$

which holds for all values of z between $-a$ and $+a$.

12. Define an envelope, and show how to find the envelope of a family of curves.

Ellipses of equal area are described with their axes along fixed straight lines. Show that the envelope consists of two equilateral hyperbolas.

13. Sum n terms of the series

$$\frac{1}{1.2.3.4}+\frac{3}{2.3.4.5}+\frac{5}{3.4.5.6}+\dots,$$

and write down the sum to infinity.

14. Show that if a particular integral of a linear equation of any order with no term independent of u_x is known, the equation may be reduced to one of the same kind of the order immediately inferior.

SECOND PAPER—Three Hours.

1. Expand the determinant

$$\begin{vmatrix} A+x, & b, & c \\ d, & B+x, & f \\ g, & h, & C+x \end{vmatrix},$$

and show that the values of x when this expression is zero are all real if $b=d$, $c=g$, $f=h$.

2. Investigate the condition that a surface of the second degree may be a surface of revolution.

Show that in every surface of revolution the normal at any point meets the axis; and conversely that if every normal intersects the same straight line the surface is one of revolution.

3. Show how to find the circular sections of an ellipsoid, and show that any two circular sections of opposite systems lie on a sphere.

4. Define an apsidal surface and show that if any surface S is the apsidal of another with respect to any point, S' is the apsidal of S with respect to the same point.

Write down the equation of the wave surface connected with the ellipsoid

$$\frac{x^2}{a^2}+\frac{y^2}{b^2}+\frac{z^2}{c^2}=1,$$

and show that it is the apsidal of this ellipsoid with respect to its centre.

5. Find the equations of a helix, likewise of a tangent to the helix and the osculating plane.

Investigate also the equation of the developable helicoid (the locus of the tangents to a helix).

6. Find the area swept out by the revolution of an ellipse (1) about its major, (2) about its minor axis.

7. Show that
$$\int_0^\infty \frac{e^{-x}-e^{-ax}}{x}\,dx=\log a.$$
$$\int_0^1 \frac{x^m dx}{\sqrt{1-x^2}}\,dx=\frac{\sqrt{\pi}}{2}\,\frac{\Gamma(n+\frac{1}{2})}{\Gamma(n+1)}.$$

8. Solve the equations:

$$\text{(i.)}\quad \frac{d^2s}{dt^2}+2k\frac{ds}{dt}+n^2s=0,$$

$$\text{(ii.)}\quad \frac{d^2s}{dt^2}+n^2s=A\sin pt,$$

$$\text{(iii.)}\quad x\frac{dz}{dx}-y\frac{dz}{dy}=z,$$

and discuss the solutions of (i.) and (ii.).

9. Show that the differential equation

$$\frac{d^2z}{dt^2}=c^2\left(\frac{d^2z}{dr^2}+\frac{1}{r}\frac{dz}{dr}\right)$$

if z be put equal to RT, where R is a function of r only and T a function of t only, splits into the two differential equations

$$\frac{d^2T}{dt^2}+\mu^2c^2T=0,$$

$$\frac{d^2R}{dr^2}+\frac{1}{r}\frac{dR}{dr}+\mu^2R=0,$$

where μ^2 is an arbitrary constant.

Solve these two equations (the second by means of a series). Show that the series obtained in the latter case is absolutely convergent.

10. Discuss shortly the solution by means of definite integrals of the linear differential equation with variable co-efficients of the first degree in the independent variable. Show that the equation

$$\frac{d^2x}{dr^2}+\frac{1}{r}\frac{dx}{dr}-k^2x=0$$

has the two solutions

$$x=\int_1^\infty\frac{e^{-krz}\,dz}{\sqrt{z^2-1}},\qquad x=\int_{-1}^{+1}\frac{e^{-krz}\,dz}{\sqrt{1-z^2}}.$$

11. Write down the differential equation satisfied by $P_n(x)$, the zonal harmonic of the nth order, and express $P_n(x)$ as a series.

Show that $$\mathop{\mathrm{Lt}}_{n=\infty} P\left(\cos\frac{x}{n}\right)=J_0(x),$$

where $J_0(x)$ is the Bessel function of zero order.

12. Show that the expression

$$J_n(x)=\sum_{s=0}^{s=\infty}\frac{(-)^s x^{n+zs}}{2^{n+zs}S\,!\,(n+s)\,!}$$

satisfies the differential equation

$$\frac{d^2u}{dx^2}+\frac{1}{x}\frac{du}{dx}+\left(1-\frac{n^2}{x^2}\right)u=0,$$

and show that it is the co-efficient of t^n in the expansion according to the powers of t of

$$\exp.\ \frac{x}{2}\left(t-\frac{1}{t}\right).$$

Hence show (by putting $t=e^{i\phi}$, where $i=\sqrt{-1}$) that

$$e^{ix\sin\phi}=J_0^{(x)}+ziJ_1(x)\sin\phi+zJ_2(x)\cos 2\phi+2iJ_3(x)\sin 3\phi+\text{etc.},$$

and deduce series for $\cos(x\sin\phi)$, $\sin(x\sin\phi)$.

NATURAL PHILOSOPHY.

FIRST PAPER—Three Hours.

October, 1894.

1. Investigate the differential equation of the orbit of a particle moving under the influence of a force always directed towards a fixed point.

If the force vary inversely as the square of the distance determine the orbit; and explain how the precise nature of the orbit depends on the relation of the kinetic energy of the particle, in any position, to the exhaustion of potential energy caused by bringing the particle from an infinite distance to the position in question.

In the case of the sun and a planet show how the finite ratio of the mass of the planet to that of the sun affects the orbit, and how your equations may be modified to take this into account.

2. Find the equation of motion of a rigid body performing small oscillations about a fixed horizontal axis under the action of gravity, stating fully any dynamical principles you assume.

Work out for the case of a solid uniform sphere three feet in diameter oscillating about an axis of minimum period.

3. Define the principal axes of inertia at any point of a rigid body, and show that they are the axes of a certain ellipsoid. Prove further that they are normals respectively to three surfaces of the second order passing through the point and confocal with another ellipsoid, which fully define.

4. A heavy particle is suspended by a thin cord which is being continually lengthened, and oscillates in one plane about the position of stable equilibrium. Show that if θ be the angle the cord makes with the vertical and l the length of the cord at time t, the equation of motion is

$$l\frac{d^2\theta}{dt^2}+2\frac{dl}{dt}\frac{d\theta}{dt}+g\sin\theta=0.$$

Prove that if the string lengthen at constant rate b, and $u=l\theta$, $x=gl/b^2$, and θ be small, the equation can be reduced to

$$x\frac{d^2u}{dx^2}+u=0.$$

Hence prove that if the arcual deflections be plotted as ordinates of a curve of which the abscissae are values of x, the curvature at any point varies as $\tan\alpha\cos^3\psi$, where α and ψ are the angles which the radius vector and tangent at the point make respectively with the axis of x.

5. Define the potential at a point due to a distribution of attracting matter, and show how to contour a gravitational field of force by means of equipotential surfaces.

Find the exhaustion of potential energy which takes place in the coming together of the matter of a uniform globe from uniform diffusion throughout a spherical space of very large radius. Work out numerically for a uniform globe of the radius and mean density of the earth.

6. State and prove Green's theorem of the surface integral of normal force over a closed surface drawn in the field. Apply it to prove Newton's theorems regarding the attraction of a uniform sphere or spherical shell.

7. Work out the attraction of a uniform semicylindrical hill of infinite length on a particle placed at its edge. Hence find the apparent increase of the difference of latitudes at opposite sides of the base of an east and west semicylindrical hill, produced by the attraction of the matter composing the hill.

8. Give some account of methods which have been used for the determination of the mean density of the earth, discussing as far as you can their advantages and disadvantages.

9. Find the equations of motion of a perfect fluid, and state what further equations are obtainable to determine the motion, when the fluid is (1) incompressible, (2) an ordinary gas.

10. Define a vortex filament, and give a rule by which the velocity

at any point in the surrounding fluid can be calculated. State the corresponding theorem in electro-dynamics.

Prove that the circulation in any closed path passing round the filament any number n of times is equal to $2nm$, where m is the strength of the vortex.

11. Prove (1) that if a material system fulfilling definite kinematical conditions be set into motion with given impulses applied to specified points, the kinetic energy is greater than that of any other motion fulfilling the given conditions; (2) that if instead of given impulses the velocities of the specified points be given at starting, the kinetic energy is less than that of any other motion fulfilling the same conditions.

Refer these results to the general principle of the effect of constraint on the motion of a material system.

12. A body, of unit mass, having two of its principal moments at the centre of inertia equal, rotates about a fixed point O in the axis of unequal moment. If this axis be inclined to the vertical at an angle α, show that, if the motion be steady, the angular velocity, ω, of the body round this axis, and the angular velocity, Ω, of the same axis round the vertical, are connected by the relation $C\omega\Omega = gh + A\Omega^2 \cos\alpha$, where h is the distance of the centre of inertia from O, C the principal moment of inertia round the axis of figure, and A either of the equal principal moments at O.

Find the time of a small oscillation if $\alpha = 90^\circ$.

SECOND PAPER—Three Hours.

April, 1892.

1. In an infinite homogeneous solid at uniform temperature, let an infinitely small portion be suddenly heated by a finite quantity q of heat. Find the temperature at time t at a distance r from the place thus primitively heated.

2. Find the distribution of temperature at time t in an infinitely thin ring with given initial distribution; supposing the ring to be coated with impermeable varnish.

3. State and explain the Hamiltonian characteristic equation for the motion of a material point confined to one plane. Illustrate it by ordinary parabolic motion, and explain its relation to aiming.

4. Find the Hamiltonian characteristic function for rays of light passing from a given point P on one side to another given point P' on the other side of a convex lens; both points infinitely near the axis.

5. Investigate the expression for fluid pressure in irrotational motion of a liquid, under the influence of gravity.

6. State the general law of circulation in any closed line of particles of a liquid; and deduce Helmholtz's laws of vortex motion.

7. Investigate the principal flexural rigidities of a beam of any given cross section; or investigate the flexural rigidity of a rod of circular cross section.

8. Investigate the electric images in two infinite conducting planes meeting at a right angle ; supposing an electrified body to be fixed anywhere in this angle.

9. Investigate the density of electricity on an uninsulated conducting sphere of radius r due to a quantity q of electricity, concentrated at a point distance D from the centre of the sphere.

10. Find how much zinc is consumed per hour in a battery of 80 Daniell cells (1·07 volts per cell) sending a current of electricity through an incandescent lamp whose resistance is 65 ohms. The battery is joined in series, and its total internal resistance is 7 ohms. (One coulomb decomposes 0·000092 grm. of water : atomic weight of zinc 65.)

III.—FOR DEGREE OF B.Sc.

A.—IN PURE SCIENCE.

FIRST EXAMINATION.

1. Mathematics.—See pp. 421—424.
2. Natural Philosophy.—See pp. 424—426.
3. Chemistry.—See p. 460.
4. Botany.—See p. 460.
5. Zoology.—See p. 461.

B.—IN ENGINEERING.

a.—MATHEMATICS.

FIRST PAPER—Three Hours.

1. Investigate the condition that the equation of the second degree

$$ax^2+by^2+2hxy+2gx+2fy+c=0$$

should represent a circle.

Find the equation of a circle passing through the points (0, 0), (3, 4) and having its centre on the axis of y.

2. Defining an ellipse as a curve the sum of the distances of any point on which from two fixed points is a constant, deduce the equation of the curve in the form

$$\frac{x^2}{a^2}+\frac{y^2}{b^2}=1.$$

Find the equation of a tangent and the equation of the chord of contact of tangents drawn to the ellipse from a fixed point.

3. Define a differential co-efficient, and illustrate its meaning geometrically.

Find from your definition the differential coefficients of the expressions

$$y=x^{\frac{m}{n}}, \quad y=\tan x, \quad y=\frac{\sin x}{x}.$$

4. State Taylor's theorem, and the limitations under which it must be used.

Deduce Maclaurin's theorem, and apply the latter theorem to show that

$$\log(1+x) = x - \frac{x^2}{2} + \frac{x^3}{3} - \text{etc.}$$

5. Explain what is meant by integration, illustrating your explanation graphically.

Find the indefinite integrals

$$\int \frac{dx}{x^2 - a^2}, \quad \int \frac{x^5}{(x-1)(x^2-3x+2)}\,dx, \quad \int \frac{1+\tan^2 x}{\tan x - 1}\,dx.$$

6. Prove the rule for integration by parts, and by its means find

$$\int \log x\,dx, \quad \int x^n \log x\,dx, \quad \int_0^{\frac{1}{2}\pi} \sin^2\theta \cos^3\theta\,d\theta.$$

7. Find the area enclosed between the axis of x and the curve

$$y = a \sin nx + b \sin 2nx$$

between the limits $x = 0$ and $x = \frac{\pi}{n}$.

Make a graph of this curve to illustrate your result, or any point in your process of calculation.

8. Show that if p be the length of the perpendicular let fall from the pole on the tangent to a curve and $u = \frac{1}{r}$, then

$$\frac{1}{p^2} = u^2 + \left(\frac{du}{d\theta}\right)^2.$$

Apply this result to show at what points the curve

$$y = a \sin nx$$

is concave or convex to the origin.

9. Define curvature of a curve at any point. From your definition deduce the equation

$$\text{curvature} = \frac{1}{r}\frac{d}{dr}\left(r^2 \frac{d\theta}{ds}\right),$$

or any other formula with which you may be more familiar.

10. Define a maximum or a minimum, and illustrate your explanation graphically.

In the case of a single variable λ show that if the quantity have a maximum or minimum for $x = a$, it has equal values for $x = a + h$, $x = a - h$, where h is indefinitely small.

11. Find by ordinary algebra or otherwise the maximum or minimum values of

$$x^2 - 5x + 6, \quad \frac{x^2+x+1}{x^2-x+1}, \quad a \sin nx.$$

12. The sum of the radius of a sphere and the edge of a cube is constant; show that when the sum of their volumes is least the area of the spherical surface is equal to half the area of the surface of the cube.

SECOND PAPER—THREE HOURS.

1. If a, b, c be the roots of a cubic equation, show that the equation may be written

$$x^3-(a+b+c)x^2+(ab+bc+ca)x-abc=0.$$

Hence prove that

$$a^3+b^3+c^3-3abc=(a+b+c)(a^2+b^2+c^2-ab-bc-ca).$$

2. A piece of gold alloyed with silver weighs 10 pounds avoirdupois. A specimen of pure gold weighed in water loses 5·2 per cent. of its weight, and a specimen of silver weighed in water loses 9·9 per cent. of its weight. The alloy itself weighed in water loses 10 ounces. How much of each metal is there in its composition?

3. Prove that if

$$(a+b+c+d)(a-b-c+d)=(a+c-b-d)(a+b-c-d),$$

then

$$\frac{a}{b}=\frac{c}{d}.$$

Derive from the last relation also the equation

$$\frac{a^3+3a^2b+b^3}{c^3+3c^2d+d^3}=\frac{a^3+b^3}{c^3+d^3}.$$

4. Solve the simultaneous equations

$$\frac{x}{a-b}-\frac{y}{a+b}=1, \quad \frac{x}{a+b}+\frac{y}{a-b}=1.$$

If you can, illustrate your solution graphically.

5. Solve the equations

$$\text{(i.)}\ (x+\tfrac{5}{2})(x-\tfrac{3}{2})-(x+5)(x-3)=-\tfrac{3}{4},$$

$$\text{(ii.)}\ (x^2+x+2)^{\frac{1}{2}}+(x^2+x-1)^{\frac{1}{2}}=3,$$

$$\text{(iii.)}\ x+y+\sqrt{xy}=14, \quad x^2+y^2+xy=84.$$

6. A certain number consisting of two digits when divided by the product of its digits gives a quotient 3. If 18 be added to the number the sum is equal to the number obtained by interchanging the digits. Find the number.

7. The numbers $\sqrt{3}/\sqrt{2}$ and $27/8$ are the first and sixth terms of a geometric progression. Find the intermediate terms.

Sum to n terms the series

$$1+(a+b)+(a^2+ab+b^2)+(a^3+a^2b+ab^2+b^3)+\text{etc.}$$

8. State the binomial theorem. Under what restrictions can the theorem be applied when the exponent is not a positive integer?

Apply the theorem to the calculation of $\sqrt{5}\,(=2\sqrt{1+\tfrac{1}{4}})$ to four places of decimals.

9. Define a logarithm, and show that the logarithms of a series of numbers in geometrical progression are a series of numbers in arithmetical progression. Hence show how by the process of inserting geometric means a series of numbers and their corresponding logarithms can be calculated.

Find without using Tables the value of

$$10\log\tfrac{3}{2}+7\log\tfrac{5}{18}+4\log\tfrac{48}{25}.$$

What are the advantages of taking 10 as the base of a system of logarithms?

10. Establish the series for e^x in ascending powers of x, and examine its convergence.

11. Examine the convergency of the series for $\log(1+x)$, and deduce from it more highly convergent series.

12. Prove that $$\tan A - \tan\frac{A}{2} = \tan\frac{A}{2}\sec A;$$

and that if $$\sin(\alpha+\beta)\cos\gamma = \sin(\alpha+\gamma)\cos\beta,$$

either $$\beta-\gamma = m\pi, \quad \text{or } \alpha = (2m+1)\frac{\pi}{2}.$$

13. The angle of elevation of the top of the mast of a ship as seen from the sea level is $\frac{1}{100}$ of a radian. The ship is sailing at a constant speed of 4 statute miles an hour in the direction at right angles to the line drawn from its position when this observation is made to the place of observation, and after half an hour the angle of elevation has sunk to $\frac{1}{200}$ of a radian. Find the distance of the ship and height of the top of the mast above the sea level.

14. A town C is halfway between the towns D, E, and the towns C, E, F are equidistant from each other. Compare the distance of D from F with its distance from E.

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b.—NATURAL PHILOSOPHY.

FIRST PAPER—Three Hours.

1. Define Elasticity of a body. Specify Stress and Strain in the following cases: Elongation of a wire or rod, twist of a wire or rod round its axis, compression of a mass of fluid.

Find the modulus of compression for air at 50° C. supposing that the mass of 1 cubic decimetre at 0° C. and under a pressure due to a column of mercury 76 centimetres high of density 13·596, at a place where g is 981, is 1·293 grammes.

2. Compare the modulus for simple longitudinal stress with that for simple longitudinal strain. What does the latter modulus become for a liquid?

3. Show by any method that the velocity of propagation of a wave of transverse displacement along a cord is $\sqrt{T/m}$, where T is the stretching force in the cord and m its mass per unit of length.

Find the frequency of a note given by a string 1 metre long, weighing 1 gramme per decimetre, when stretched by a weight of 20 kilogrammes.

4. Define moment of inertia of a system of particles. Prove the well-known theorem that the moment of inertia of a system of particles round any axis is equal to the moment of inertia of the system round a parallel axis through the centre of inertia, together with the moment of inertia round the given axis of the whole system supposed concentrated at the centre of inertia.

Find the moment of inertia of a uniform elliptic disk round an axis at right angles to its plane and passing through one extremity of a diameter inclined at 45° to the axes.

5. Write down the equations of motion for a body free to rotate round a horizontal axis.

Find the distance traversed in 6 seconds by a ball of iron 3 inches in diameter and of density 7·8, rolling from rest down a plane inclined at 30° to the horizontal. Calculate the rotational and translational energies.

6. Define potential of a system of attracting matter, and find that of a disk of superficial density ρ, radius a, at a point on the axis at distance x from the plane of the disk. Hence find the force on a unit particle placed at a point on the common axis of two equal disks one of attracting and the other of repelling matter.

What does this become when the disks become infinite?

7. Prove the theorem that if a closed surface be drawn in the field of a distribution of attracting or repelling matter the integral of normal force taken over the surface is equal to 4π times the quantity of matter contained within the surface.

Hence *or otherwise* prove that the attraction of a uniform spherical shell of mass M is zero on an internal particle, and on an external particle is the same as if the whole mass of the shell were collected at the centre.

8. Calculate the kinetic energy of a particle coming from an infinite distance to a sphere of density unity and of radius a.

Hence find the exhaustion of potential energy produced by the formation of the sphere by the coming together of the particles of the sphere from dispersion through infinite space.

9. Find the differential equation of the orbit of a particle moving under a force directed towards a fixed centre.

Hence find the law under which the particle would describe an ellipse under the action of a force directed towards the centre.

10. Show that the form of a body of given mass which exerts on a fixed particle P the greatest attraction is bounded by a surface of revolution having P at one extremity of the axis, and meridian sections fulfilling the equation

$$\frac{\cos\phi}{r^2} = a,$$

where r is the radius vector of any point of the boundary of the section, ϕ the angle which it makes with the axis of revolution, and a a constant.

11. Compare the attraction of the body (in the last question) on P with that of a sphere of equal mass and density, P being at the extremity of a diameter.

SECOND PAPER—Three Hours.

1. Define a fluid. Explain what is meant by an ideal inviscid fluid, and in what respect real fluids differ from it.

2. Prove the principle of equal pressure in all directions in a fluid.

3. Investigate the general equations of equilibrium or motion of a fluid under the influence of any forces. Prove that, when the fluid is

in equilibrium, the surfaces of equal pressure cut the lines of force perpendicularly.

4. Prove that water, in an open trough of which the two ends are kept at different temperatures, cannot be in equilibrium. Explain the kind of motion that will be produced.

5. Define "irrotational motion" of an incompressible fluid, and give the analytical expression for the condition fulfilled by the velocity components in this kind of motion. Define "velocity-potential."

6. State the minimum energy condition which is fulfilled when a homogeneous incompressible fluid is set in motion by motion given to its bounding surface.

7. Investigate the equations of conduction of heat through a homogeneous solid.

8. Find Fourier's integral for the temperature at any point of a straight rod at any time after an initial arbitrarily given periodic distribution, supposing the rod to be coated with impermeable varnish.

9. Show that any simple harmonic vibration of a particle is equivalent to two equal and opposite uniform circular motions.

Point out the bearing of this on the theory of the polarisation of light, and especially on the turning of the plane of polarisation of light in a solution of sugar, and in a magnetic field.

10. What essential difference is there between the magneto-optic rotation of the plane of polarisation of light in a magnetic field and the turning effect produced by quartz, solutions of sugar, etc.? What conclusion can be drawn as to the physical causes of the phenomena?

11. Show how to find the resultant of two infinite trains of waves moving in the same direction.

12. State the interference-principle of Huygens, and apply it to explain the approximate rectilinear propagation of light. Under what circumstances are distinct sound-shadows produced?

13. Give the elementary theory of a diffraction grating. Show how to find the wave-length of sodium light from simple experiments made by observing two candle flames through the grating.

14. What is meant by the wave surface in a doubly refracting medium? Give Fresnel's form of the wave surface in a uniaxal crystal, illustrating by diagrams of the principal sections. Give Huygens' construction for finding the direction of the ordinary and extraordinary rays when the form of the wave surface is known.

C.—GEOLOGY.

1. Mention the phenomena, other than those of crater explosion, which may accompany a volcanic outburst.

2. Describe the modes in which the continuity of strata is affected.

3. Enumerate the successive events and periods from the close of the Miocene to the close of the Land Ice period.

4. Sketch generally the position of the great mountain chains, and state their relation (if you think they have any) to the phenomena of secular cooling.

5. Tell all you know of the specimens given you.

d.—ENGINEERING.

FIRST PAPER—Two Hours.

1. Give a short account, with illustrative diagrams, of the processes by which wrought-iron bars are produced, commencing with the iron in the form of pig.

2. Describe, with illustrative diagrams, the preparation, composition, and application of one form of gaseous fuel as used in metallurgical processes.

3. Give a short account of the properties of different alloys of copper and tin, and copper and zinc, and mention some of their chief uses in the arts.

4. Give a brief account of the manufacture of Portland cement, state its principal uses, and describe one application more in detail.

5. In connection with timber, explain the meanings of the terms, "Exogens," "Medullary ray," "Sap wood," "Cup shake," "Creosoting."

6. Explain, and where necessary illustrate by examples, the meanings of the terms, "Stress," "Force," "Poundal," "Force of one pound," "Momentum."

7. Calculate the weight of a cylindrical tank 7 ft. 6 in. diam. and 5 ft. 3 in. deep, closed at the top, and constructed throughout of wrought-iron plate $\frac{3}{8}$ in. in thickness (neglecting angle irons, etc.), and also the weight of the water it will hold. In each case show how to make the calculations rapidly and correctly to within 2% to 3%.

SECOND PAPER—Two Hours.

(*Each candidate may select either* A *or* B.)

A.

1. What is meant by the distance between two points on uneven ground? Describe and compare different methods for finding such distance.

2. It is required to determine the angle subtended at a point A by two objects B and C, B being about ten yards from A, and C about ten chains from A. Describe how you would proceed to measure the angle BAC by means of a theodolite, explaining the temporary adjustments which it would be necessary to make, and explaining the object of having and using two verniers.

3. In respect to a Gravatt's level, explain the provisions usually made for its adjustment, stating in how far you consider it is necessary or advisable to have these adjustments.

4. Explain how the curvature of the earth and atmospheric refraction affect levelling observations, and how the effects may be allowed for, or in some cases eliminated.

5. Explain the operations in setting out a railway curve of given radius touching two given straight lines when the point of intersection of the straight lines is inaccessible and when it is not required that the line pegs should be at a uniform distance apart.

Give the formulas required for finding the ends of the curve and setting out the curve.

6. A set of contour lines in the bed of a reservoir enclose respectively the following areas :—

Water level surface,	area	4,220,000	yards.
4 ft. down,	,,	2,780,000	,,
8 ft. ,,	,,	2,100,000	,,
12 ft. ,,	,,	1,150,000	,,
16 ft. ,,	,,	470,000	,,
18 ft. ,,		zero.	

Find the volume of the reservoir in cubic yards.

B.

1. Criticise with respect to the working of the engine each of the indicator diagrams shown on the accompanying sheet.

2. Determine the indicated horse-power of the engine from the data given on the accompanying sheet.

3. State the first and second laws of thermodynamics. Give quantitative statements with regard to the first law, and discuss the foundations of the second law.

4. Explain the precautions to be taken in the connection of an indicator to a steam engine, and discuss the chief sources of inaccuracy in the determination of indicated horse-power.

5. The amount of moisture in steam is sometimes determined by continuously condensing a sample of the steam in a special surface-condenser. In such an experiment 0·55 of a lb. of steam was condensed in 2½ minutes by 7·24 lbs. of condensing water. Initial pressure of steam 145 lbs. per square inch absolute, throttled to atmospheric pressure before condensation.

The constants for such steam are :—

Temperature, 355° F.

Heat required to overcome internal resistance, 780 B.T.U. per lb.

Heat required to overcome external resistance, 83·5 B.T.U. per lb.

Cooling water entered at 44·1° F., and left at 132·5° F.; the condensed steam was discharged at 44·2° F.

Using such of the above data as are necessary, and assuming the specific heat of water constant, determine the percentage of moisture in the steam.

6. Air is admitted at a pressure of 60 lbs. per square inch absolute into a cylinder 15 inches diameter and 20 inches stroke for 7 inches of the stroke, and is expanded isothermally to the end of the stroke, and exhausted at 16 lbs. per square inch absolute ; find the amount of work done.

THIRD PAPER—Three Hours.

1. Show by accurate diagrams or by neat hand sketches how to determine the stresses in the loaded frame shown and described on the

accompanying sheet. Find the stress across the section xx in magnitude and in kind.

Principals 8 ft. apart.

Weight of covering uniformly distributed 11 cwts. per square (100 sq. ft.).

Wind pressure on left-hand side 30 lbs. per sq. ft. normal.

Left-hand supporting force vertical.

2. Assuming any formulas for the strength and stiffness of solid cylindrical shafts, deduce formulas for the strength and stiffness of hollow shafts.

3. Prove Euler's formula with reference to the strength of struts, and state the condition under which it expresses the ultimate strength of a strut.

4. A cast-iron column, 9 ins. outside and $7\frac{1}{2}$ ins. inside diameter at the base, and 20 ft. high, carries a load of 3 tons at the end of a bracket projecting 12 ins. from the centre of the column. Show the nature and magnitudes of the stresses on the cross section at the base, neglecting the weight of the column.

5. The results of experiments on the breaking strength of cast-iron beams are not found to be in accord with the results calculated from the tensile strength of the cast-iron, by the usual formulas for stresses due to bending. Explain the reason for the discrepancy.

6. In connection with the flow of liquids through pipes, resistance varying as the velocity is usually associated with small pipes and viscou fluids, and resistance varying as the square of the velocity with large pipes. Explain the reason for this.

7. Prove from first principles that a jet of water issuing from a circular hole of diameter D in a thin flat plate has, at a certain section, a diameter between D and $0{\cdot}7\ D$. Specify the section to which you refer.

8. In respect to revolving masses of water, describe free and forced vortices and deduce from the principles you state a formula for the form of the surface of each. Show some bearing of each on the theory of centrifugal pumps.

9. State the condition which should influence one in the selection of the type of turbine to be adopted in various cases. Sketch and describe one form of turbine of approved design, and explain the reasons for the special forms given to various parts.

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e.—DRAWING, Etc.—Three Hours.

1. Explain in a few words what method or methods you would adopt in solving the following problems:—

(*a*) To draw the traces of a plane passing through three given points.

(*b*) To determine the distance between two parallel planes.

(*c*) To find the angle between a line and a plane.

(*d*) To find the point of intersection of a line and a plane.

2. Two intersecting lines make an angle (A) of 20° with each other: one line makes (B) 45° with the horizontal plane and the other makes (C) 30° with the horizontal plane. Draw the projections of the two lines.

The angles (A) and (B) remaining as given, find the greatest and least possible values of (C).

3. Draw the traces of a plane $aa''a'$ which shall make 65° with the horizontal plane and 45° with the vertical plane of projection.

Take a point bb' in this plane and from bb' draw a straight line in the plane $aa''a'$ making 35° with the horizontal plane.

4. Find the form in plan and elevation of the intersection of the elliptic cone and right circular cylinder of which the data are given in the accompanying sheet. A few points should be formed accurately.

5. Two cylinders, each 2 in. in diameter, have their axes intersecting at 45°, find the development of the surface of one of the cylinders, showing the developments of the line of intersection, and give the name of the curve and its equation.

6. The figure shows diagrammatically a crank and connecting rod of a steam engine. P is a point rigidly attached to the connecting rod (as in some valve gears). Find the path of P for a complete revolution of the crank.

7. The accompanying sketch shows the guide block for a horizontal engine. Draw the block in isometric projection.

8. Find in line of action and magnitude the resultant of the set of forces shown in the accompanying diagram.

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f.—NAVAL ARCHITECTURE.

STRENGTH—Two Hours.

1. Show that for a ship floating in still water the underwater cross sections represent curves of upward pressure and that the area of these curves represents the total upward pressure per unit of length.

2. How would you obtain a curve of loads in the case of a ship floating in still water?

3. Prove that $\int l\,.\,dx = F$ and $\int F\,.\,dx = M$, where l, F, and M are the ordinates of the curve of loads, shearing forces, and bending moments respectively.

4. A hollow cylinder with closed ends floats with its axis at the water surface. For one-fourth of its length amidships it is filled up solid. The weight of the cylinder independent of the solid inside is one-third of the displacement. Find the maximum bending moment.

5. State the assumptions upon which the formulae $\frac{p}{y} = \frac{E}{R} = \frac{M}{I}$ are obtained, and prove that the neutral axis passes through the C.G. of the section.

6. Find the shearing stress at the neutral axis in a beam of rectangular section, 10 inches by 5 inches, subject to a shearing force of 10 tons.

7. Find the maximum stress upon a section of a ship under a hogging moment: plating, upper deck, ½ inch; sides and bottom, ¾ inch; assuming the section to be square and neglecting all other strengthen-

ing. Bending moment : 50,000 foot tons ; breadth of ship, 45 feet ; depth, 32 feet.

8. What deductions are made for riveting, and what allowance is made for wood decks?

9. Describe how you would construct a trochoidal wave so as to find the supporting force upon a ship in a trochoidal wave when the wave pressures are taken into account. Also explain how these pressures are found.

10. Give a formula for finding the diameter of a rudder head for a given area of rudder and speed of ship.

STABILITY AND ROLLING—Two Hours.

1. Prove the relation : $\frac{d^2B_1Z}{d\theta^2} = \frac{d\,.\,GZ}{d\theta} = ZM$. and from this prove that BG is a min. for positive stability.

2. Assuming Attwood's formula, show that in a vessel of rectangular horizontal and vertical sections (a rectangular parallelopipedon) the stability ($V\,.\,GZ$) will be the same at the same inclination for two draughts δ and δ_1 if the height of G above the base is $\frac{\delta - \delta_1}{2}$.

3. Obtain the formulae upon which the method of polar integration is based, and explain how they are applied.

4. What do you understand by a cross curve of stability? Describe any method of obtaining one.

Show that the tangent to a curve of locus of $C.B.$ for constant angle and varying displacement passes through $C.G.$ of corresponding water-plane.

5. Prove that $R = \frac{I}{V}$. From this formula show that the surface of buoyancy has no re-entering parts. Enunciate the principle of conjugate stabilities.

6. Deduce the formula $\rho = R + V\frac{dR}{dV}$. Show that in a body floating in equilibrium with a positive $G.M.$, in order that $V\,.\,GM$ shall be constant for a change of V, that the weight put on board or removed must have its $C.G.$ at the centre of curvature of the curve of flotation corresponding to the direction of inclination.

7. Show that a floating body rolling, unresisted, in smooth water, has a period $\frac{\pi K}{\sqrt{gh}}$ where K is the radius of gyration and h is the metacentric height.

8. Obtain the general equation to a curve of extinction, and explain how the co-efficients of resistance can be obtained from a curve of extinction.

What means have been employed to increase resistance to rolling? What is the effect of these means upon the period of oscillation?

CALCULATIONS—Two and a Quarter Hours.

1. Give the rules for finding area or volume, and position of C.G. of each of the following: Trapezoid; Parabola; Hemisphere; Paraboloid of Revolution. A triangle thus rotates about AB in the diagram given you. Find the volume and position of C.G. of the solid generated.

2. State and prove Simpson's First Rule, and explain how it can be applied to find the volumes and positions of C.G.'s of solids.

Find the displacement and position of the centre of buoyancy of a set of lines defined by the following offsets:

No. of Section.	Keel.	1-ft. W.L.	2-ft. W.L.	4-ft. W.L.	6-ft. W.L.
1 forward.	0	0	0	0	0
1½	0	2·9	4·1	5·7	7
2	0	3·7	5·1	7·3	9
3	0	4·1	5·8	8·2	10
4	0	3·3	4·6	6·5	8
4½	0	2·4	3·5	4·9	6
5 aft.	0	0	0	0	0

Sections, 10 feet apart.

3. Find the longitudinal B.M. of the form given in Question 2 at the 6-ft. W.L.

Suppose the ship in Question 2 to be floating at 6-ft. W.L., what change of draught will there be at the fore end, if 1 ton be put at 16 ft. aft of No. 1 section?

4. Describe the inclining experiment, and explain how the position of the C.G. of a ship can be obtained from the results.

A ship of 5000 tons weight is inclined by 10 tons moved 40 feet. The inclination is 6 inches in 20 feet. Find the G.M.

5. Explain how to obtain a curve of G.M.'s in terms of density of cargo. A rectangular vessel whose length, breadth, depth, and load-draught are respectively l, b, d, and δ, has a light weight of one-third of her load displacement; and has a G.M. in light condition of 1 foot. Find the equation to the curve of height of G. in terms of density of cargo, with cargo of constant weight at load draught and varying density. The sides and bottom of the vessel are assumed to be indefinitely thin.

6. Describe the method of finding the curve of lifting moment of ship about fore end of ways. What amount of tipping moment in relation to length and weight of ship has been found to have been sufficient to have avoided tipping?

7. Define gross and under-deck tonnage, and explain how the latter is measured. What are the allowances for propelling space in steam vessels?

8. Describe a method of determining and graphically representing the proportionate length of a vessel which may be flooded, without putting her below some given line.

Make such a curve, or obtain the equation, in the case of a rectangular vessel, 100 feet long, 20 feet wide, 10 feet deep, floating at 5 feet draught, and having thin sides and bottom and empty holds.

RESISTANCE AND WAVES—Two and a Half Hours.

1. Prove the formula : $\frac{v^2}{2g} + \frac{p}{w} + h = \text{constant}$; and from it deduce Froude's law of comparison.

2. How can the probable resistance of a ship be determined from that of a model? Assume that the resistance of a plane, 12 feet long, moving at 10 feet per second, is ·3 lb. per square foot; and of one 432 feet long is ·22 lb.: that the resistance of a model 12 feet × 2 feet × 6 inches (draft) is ·4 lb. at 3 knots; its displacement 373 lbs.; its wetted surface is 25 square feet. Find the resistance of a vessel, 432 feet long × 72 feet beam × 18 feet draft, at 18 knots speed.

3. Obtain a formula for the thickness of the frictional wake, on the assumption that the velocity of the water next the plane is the same as the plane, and varies directly as its distance from it.

4. Obtain a formula for resistance in terms of displacement, on the assumption that all resistance follows Froude's law of comparison.

5. State the causes of loss of energy in screw steamer propulsion. What is the ratio of effective to indicated horse-power in a modern twin-screw ship?

6. State the assumptions upon which the trochoidal wave theory is based. What is the relation between length, speed, and period of a trochoidal wave?

7. Prove that, in order that the condition of continuity of flow in a trochoidal wave should hold, the relation $r = r_0 e^{-\frac{y}{R}}$ must hold.

8. Show that the slope of a wave is given by the equation

$$\phi = \frac{r}{R} \sin \frac{2\pi t}{T}.$$

MARINE ENGINEERING—Two Hours.

(Ten *questions only to be attempted.*)

1. What are the different classes into which coals may be divided? State where the different kinds are usually obtained. What are the chief characteristics of each kind; such as chemical composition; number of T.U. given out by complete combustion; how it burns, etc.; and any particular precautions which should be taken for its economical use?

2. Show how to ascertain how much air will be necessary for the complete combustion of one pound of coal, which contains carbon, oxygen, and hydrogen. What will be the effect of allowing too much air into the furnace per pound of coal burned? What will be the difference in the heat available for evaporating water per pound of carbon, where 14 pounds of air are admitted to the furnace per pound of carbon, and where 20 pounds are admitted?

3. Show how you would settle the grate and heating surface, diameter, and length, of a marine boiler, to work a fairly economical triple expansion engine which is to give out a certain power. First, suppose the boiler to be required for a merchant ship in which coal-saving is of first importance. Secondly, suppose the boiler to be wanted for a man-of-war, where space and weight are of first importance. In the first case there is a good natural draught; in the second case there is a 2″ forced draught.

4. Show how to calculate the thickness of shell plating necessary in a marine boiler, 16 feet in diameter; 160 pounds working pressure. Assume the percentage of plate at joints to be 85 per cent. of the original plate; and the percentage of strength of rivets at joints to be 87 per cent. of strength of original plate. Explain how the thicknesses for the front and back tube plates are arrived at.

5. Make sketches, showing as many mechanical defects of an indicator card as you can, such as the effect of the steam pipe being too small; the compression taking place too early or too late, etc. Explain how to determine the proper amount of compression at the end of the stroke.

6. Explain, with sketches, how to make the *drawing* of a screw propeller, in which the pitch increases from the boss to the tips of the blades, and also from the leading to the following edge. What provision is made for slightly altering the pitch of propeller blades which are attached to the boss by means of a flange?

7. Of what materials are screw propellers commonly made? State the advantages and disadvantages of the different materials. Explain how it is that a screw propeller, by revolving, drives a ship ahead. How is the thrust of the screw taken in the ship?

8. In a triple-expansion engine, what will be the effect of cutting off steam later in the M.P. cylinder, and having the cuts-off in the H.P. and L.P. as before? Show how the amount of change may be anticipated. What will be the effect of cutting off earlier in the H.P. cylinder, and leaving the cuts-off in M.P. and L.P. as before?

9. If you have indicator cards taken from a cylinder, show, with sketches, how to obtain a true piston effort diagram. Make a rough sketch of the inertia correction diagram, giving values of the end ordinates to the scale of the card, and the position of the point where the curve changes sign. Weight of reciprocating parts, 2 pounds per square inch of piston area; Revolutions, 100 per minute: crank radius, 1·47 feet; Indicator card scale, 1 inch represents 50 pounds per square inch. Show the difference in the application of the inertia correction to the cards taken from the different ends of the cylinder.

10. If you know the piston effort, show graphically how to obtain the twisting moment this will cause in the shaft. Suppose an ordinary connecting rod of limited length. In the case of an engine with an ordinary connecting rod of limited length, if steam is cut off when the crank is at right angles to the direction of the piston's motion, both on the out-stroke and in-stroke of the piston; show that the point of the stroke at which steam is cut off will be different in the two cases.

11. Show how you would determine the proportions of the piston rods in a triple-expansion engine. Explain why you would allow so small an apparent stress in the body of the rods. How would you determine the necessary areas of the steam ports and passages, and necessary valve travel in a triple-expansion engine?

12. What will be the necessary diameter of a single-acting feed pump to supply the boiler of a jet condensing engine of which the H.P. cylinder, which is double-acting, is 400 square inches in area; stroke, 4 ft. 2 in.; steam is cut off at ¾ stroke; the stroke of the feed pump is 15 inches; the water in the boilers is kept at three times the density of the sea water; boiler pressure is 26½ pounds per square inch. At this pressure, 10 cubic feet of steam weigh one pound.

IV.—FOR DEGREES IN MEDICINE AND SURGERY.

I.—PRELIMINARY EXAMINATION.

ENGLISH.

Saturday, 29th Sept., 1894.

FIRST PAPER—Two Hours.

(FIVE *questions are to be answered, and no more. Questions* 1, 2, *and* 6 *must be attempted by all.*)

1. Write an Essay, about two pages long, on either of these subjects:
    (1) The Black Bear of Cumnor and its host.
    (2) "He is well paid that is well satisfied."

2. Paraphrase:

Could great men *thunder*
As Jove himself does, Jove would ne'er *be* quiet,
For every pelting petty officer
Would use his heaven for thunder;
Nothing *but* thunder. Merciful Heaven!
Thou *rather* with thy sharp and sulphurous bolt
Splitt'st the unwedgeable and gnarled oak
Than the soft myrtle; but man, proud man,
Drest in a little brief authority,
Most ignorant of *what* he's most assur'd,
His glassy *essence*, like an angry ape,
Plays such fantastic tricks before high heaven
As makes the angels weep; who, with our spleens,
Would all themselves laugh *mortal.*

3. Parse the italicised words in the foregoing quotation. Give a general analysis of the following, stating exactly how the clauses are

related to one another: "It was thus he avoided Warwick, within whose Castle Elizabeth had passed the previous night, and where she was to tarry until past noon, at that time the general hour of dinner throughout England, after which repast she was to proceed to Kenilworth."

4. Derive any *six* of the following words: *Activity*, *calculate*, *daisy*, *domain*, *faith*, *heaven*, *muster*, *people*, *period*, *preliminary*, *press*, *sovereign*.

5. What is meant, in composition, by Periodic Structure and Balanced Sentence. Define any three of the figures of speech, and give an example of each.

6. Criticise, and make any corrections in, the following sentences:

(1) My functions are of a more complicated character than usually is assigned to occupants of this chair.

(2) It would be a great service to historical truth, if anyone who could throw light on this matter would publish what they know.

(3) Lying on her bed, the very face of the doctor entering the room brought a message of encouragement.

(4) He did not more possess knowledge than was communicative of it.

SECOND PAPER—Two Hours.

(EIGHT *questions are to be answered, and no more; and, of these,* TWO *from each section.*)

A.

1. Name four pre-Elizabethan writers; mentioning their principal works, and indicating their importance in the history of English Literature.

2. Write a brief account of the authors of any *six* of the following: *The Satire of the Three Estates*, *The Counterblaste to Tobacco*, *Arcadia*, *The New Atlantis*, *Comus*, *Absalom and Achitophel*, *The Vanity of Human Wishes*, *The Deserted Village*, *Sartor Resartus*, *The Mill on the Floss*, *In Memoriam*, *The Ring and the Book*, *Hiawatha*.

3. Write an account of any famous English satire, and of any famous English allegory.

4. Name the chief poets of the Victorian era, and give some account of any one of them.

B.

5. Annotate the following:—

(1) I will not jump with common spirits.

(2) In such a night
Did Thisbe fearfully o'ertrip the dew.
And saw the lion's shadow ere himself,
And ran dismayed away.

(3) I wish Will Shakespeare no harm. . . . He stood, they say, a tough fight with the rangers of old Sir Thomas Lucy of Charlecot.

(4) It was thought that the young widow of France and Scotland would gladly have married an English baron.

(5) A Daniel come to judgment, yea, a Daniel.

6. What are the feelings that Shakespeare's delineation of Shylock arouses in us? At what points is our sympathy for Shylock elicited?

7. What are the prominent features of Elizabeth's character as brought out in *Kenilworth*, and how far are they true to history?

C.

8. Give some account of Hampden and Falkland.

9. Mention the chief battles of the Civil War, indicating their relative importance. Give dates.

10. Write brief expository notes on any *four* of the following:—The Hampton Court Conference, Ship-money, The Star Chamber, The Long Parliament, The Royal Society, The Cabal, The Treaty of Dover, The Siege of Londonderry, Blenheim.

11. What were the chief events that led up to the Revolution of 1688?

12. Give some account of Queen Anne, and indicate the leading events of her reign up to 1707.

D.

13. Where are the following, and for what are they famous:—Dumfries, Kilmarnock, Limerick, Benares, Adelaide, Mashonaland, Avignon, Bologna, Smyrna?

14. Trace by a sketch-map the Tay, the Forth, and the Clyde. Mark the counties through which each flows, and the chief towns on each.

15. Enumerate, and indicate the position of, the great shipping ports of England. Name the lakes of Central Africa and of Switzerland.

16. Draw an outline map of India, inserting the chief rivers, and marking the presidencies.

LATIN, see Lower Latin at pp. 385, 386.

GREEK, see Lower Greek at pp. 388, 389.

MATHEMATICS, see Lower Mathematics at pp. 392, 393.

FRENCH.

Tuesday, 2nd October, 1894.—3 TO 6 P.M.

1. Translate into English:—

L'art d'interroger n'est pas si facile qu'on pense: c'est bien plus l'art des maîtres que des disciples; il faut déjà avoir beaucoup appris de choses pour savoir demander ce qu'on ne sait pas. Le savant sait et s'enquiert, dit un proverbe indien; mais l'ignorant ne sait pas même de quoi s'enquérir. Faute de cette science préliminaire, les enfants en liberté ne font presque jamais que des questions ineptes qui ne servent à rien; et puisqu'il ne faut pas qu'ils sachent tout, il importe qu'ils n'aient pas le droit de tout demander. Voilà pourquoi, généralement parlant, ils s'instruisent mieux par les interrogations qu'on leur fait que par celles qu'ils font eux-mêmes. Ainsi la première et la plus importante science qui leur convient n'est-elle pas d'être discrets et modestes? Et y en a-t-il quelque autre qu'ils doivent apprendre au préjudice de celle-là? Que produit donc dans les enfants cette émancipation de parole avant l'âge de parler, et ce droit de soumettre effrontément les hommes à leur interrogatoire? De petits questionneurs babillards, qui questionnent moins pour s'instruire que pour importuner, pour occuper d'eux tout le monde, et qui prennent encore plus de goût à ce babil par l'embarras où ils s'aperçoivent que jettent quelquefois leurs questions indiscrètes, en sorte que chacun est inquiet aussitôt qu'ils ouvrent la bouche. Ce n'est pas tant un moyen de les instruire que de les rendre étourdis et vains; inconvénient plus grand à mon avis que l'avantage qu'ils acquièrent par là n'est utile; car par degrés l'ignorance diminue, mais la vanité ne fait qu'augmenter. Le pis qui pût arriver de cette réserve trop prolongée serait que mon fils en âge de raison eût la conversation moins légère, le propos moins vif et moins abondant; et en considérant combien cette habitude de passer sa vie à dire des riens rétrécit l'esprit, je regarderais plutôt cette heureuse stérilité comme un bien que comme un mal.—ROUSSEAU.

II. Grammar:—

1. Give the French for:—(*a*) Before six o'clock. (*b*) Before the looking-glass. (*c*) Look at the ships! (*d*) You look very tired. (*e*) My room looks upon a garden.

2. Write out the present indicative and the present subjunctive of *vouloir*.

3. Give the French for:—(*a*) He is to go; (*b*) he must go; (*c*) he ought to go; (*d*) he ought to have gone; (*e*) he has just gone; (*f*) he might go; (*g*) he might have gone; (*h*) he would go; (*i*) he would have gone.

4. Give the English for:—Tôt ou tard, à tâtons, à reculons, se moquer de, tenir tête à, en vouloir à quelqu'un, il ne sait à quoi s'en tenir, à qui en a-t-il?

5. Write out the perfect definite (preterite) and pluperfect indicative of *se plonger*, using the feminine pronoun in the third pers. sing. and plural.

III. Translate into French:—

A. (1) A poor old bare-footed man was standing at the corner of the street. (2) He was asking alms of all the passers-by. (3) He made him go out of the room at once. (4) He made him feel some of the pain he had caused to other people. (5) This idle fellow used to lie in bed till mid-day.

B. It looks like yesterday, that voyage up the Rhône! I see still the steamer, its passengers, its crew; I hear the noise of the paddle-wheels and the whistle of the engine. The passage lasted three days; these three days I spent on deck, going down to the saloon merely to eat and sleep. The remainder of the time I used to pass at the extreme end of the boat, near the anchor. There was a large bell there which was always rung when we came to any of the towns; I used to sit down beside this bell on a heap of ropes, I placed the parrot's cage between my legs and looked about me. The Rhône was so wide that one could hardly see its banks. For my part I could have wished it wider, and that it had been called the Sea!

GERMAN.

Wednesday, 3rd October, 1894—3 TO 6 P.M.

I. Translate into English :—

Die von Luther gewählte Form trug in sich selbst die Bürgschaft für eine weitausgreifende Wirkung, denn mit vollem klarem Bewusstsein hat er sich für diejenige Sprache entschieden, die schon jetzt einer gewissen allgemeinen Geltung sich erfreute. "Ich brauche die gemeine deutsche Sprache, dass mich beide, Ober- und Niederländer verstehen mögen; ich rede nach der sachsischen Kanzlei, welcher alle Fürsten und Könige in Deutschland nachfolgen." Wie Luthers Sprache sich weiter verbreitet hat, darüber sind wir im einzelnen noch nicht zur Genüge unterrichtet. Jedenfalls war ihr Siegeslauf kein so rascher, wie das Wort, "Luther der Schöpfer der neuhochdeutschen Schriftsprache" vermuten liesse. Auf verschiedenen Seiten traf sie auf kraftigen Widerstand. Luthers Sprache war von seinem Geist schwer zu trennen; sie war der Träger der protestantischen Ideen. So war ihr das Eindringen in katholischen Gegenden von vornherein erschwert; wie hartnäckig man hier der ketzerischen Sprache entgegentrat, mag der Umstand zeigen, dass noch Gottscheds Sprachlehre für katholische Geistliche ein verbotenes Buch war. Aber auch in protestantischen Gebieten ging das Vorschreiten langsam genug. Noch im Anfang des siebzehnten Jahrhunderts, im protestantischen Basel, schreibt Thomas Platter seine Selbstbiographie in alemannischer Mundart. Und noch 1671 erlässt die Berner Regierung eine Weisung an die Geistlichen, sich eines "ungewöhnlichen neuen Deutsch" zu enthalten, "welches den Verständigen nur ärgert und das gemeine Volk in ihrem Christentum nicht unterweist." Auf niederdeutschem Gebiete hat sich Luthers Sprache etwas rascher Bahn gebrochen. Dafür haben aber hier bis fast in unsere Tage die Bestrebungen nicht aufgehort, die darauf ausgingen, das Niederdeutsche zum Rang einer Schriftsprache zu erheben.

BEHAGHEL, *Die deutsche Sprache.*

II. Grammar :—

1. Give the German for the following in the nom. sing. and nom. plur., adding the definite article :—Field, branch, leaf, forest, wall, power, town, volume, nail, shoe, shirt.

2. (*a*) Write out the pres. and impf. indic. of *retten* and *schlafen* ; (*b*) the pres. and impf. subj. of *fallen* and *sitzen* ; (*c*) the past participle of *legen, liegen, lügen, zeihen, ziehen, zielen.*

3. Distinguish between—

Er muss nicht gehen and *Er darf nicht gehen.*
Er wollte schreiben and *Er würde schreiben.*
Er möchte ein Künstler sein and *Er mag ein Künstler sein.*

4. Distinguish between the following:—*Ansicht, Vorsicht, Uebersicht, Aussicht, Umsicht ; verstehen, gestehen, entstehen, beistehen, ausstehen ; einfach, einsam, einzig.*

5. Write out the whole of the personal pronouns in all cases, singular and plural.

III. Translate into German :—

a. (1) I could not come yesterday, because I was unwell. (2) You could not do that if you tried. (3) I am sorry that I have not been able to come sooner. (4) He has not yet begun to write his letters ; he begins always at six o'clock. (5) Why have you not sent for the doctor?

b. Go into the next room, and set your candle upon the table which stands by the stove. On the table you will find paper, pens, and ink. Put another piece of wood on the fire before you sit down to the table. Behind the door hangs my old coat, in one of the pockets of which you will find a piece of paper. This will give you the address of the old friend who is now living abroad, and to whom I wish you to write. Tell him that I rejoice at his good fortune, and that I shall write to him as soon as I am better. Do not forget to place a screen (*Schirm*) in front of the stove—the screen which stands before the clock. Over the table hangs a looking-glass ; bring it to me, but take care not to fall over the dog which is lying outside.

II.—PROFESSIONAL EXAMINATIONS.

I.—FIRST PROFESSIONAL EXAMINATION.

CHEMISTRY—Two Hours.

8th October, 1894.

1. Give a brief account of the periodic law.

2. In how many ways can sulphuric anhydride be formed ? By what reactions and compounds can it be distinguished from sulphuric acid ?

3. Compare and contrast iodine, selenium, and phosphorus.

4. Which metallic oxides are soluble in ammonia, and which in potassium hydrate ? In what cases may it be supposed that compounds are formed with the alkali, and in what that there is merely solution ? Give reasons.

5. Mention the different varieties of sugar. What are their sources ? To what class or classes of compounds do they respectively belong ? Is there any difference between cane and beetroot sugar ?

BOTANY—One Hour and a Half.

8th October, 1894.

(*Only* FOUR *answers to be attempted.*)

1. Describe the component parts of a typical vegetable cell, and their relations to one another in the living state.

2. Describe in detail the structure of palisade parenchyma, pointing out the special characters by which it is fitted to perform its function.

3. Describe in detail the structure of any seed you please to select [give the name and natural order]; state briefly the mode of origin of each part described.

4. A field of corn is found covered with "Rust" in June; explain the structure which will be seen on microscopic examination, and how the disease will have come on.

5. What is meant by "adaptation"? Explain fully by numerous examples.

ZOOLOGY—Two Hours.

8th October, 1894.

1. Enumerate the chief groups of the Mammalia, and give the *diagnostic* characters of those you mention.

2. Give a classification of the Articulata (or Arthropoda), and describe the organs of special sense in Insecta and Crustacea.

3. What Crustacea are protected by bivalve shells? In what other invertebrate groups does such protection occur? Indicate the differences.

4. State the arrangement of the organs in a common sea-star, and give a diagram with the names of all the organs illustrated.

5. In what groups of Vertebrates is bone developed as an exoskeleton? Wherein does the arrangement differ in these groups?

PHYSICS—Two Hours.

9th October, 1894.

(*Only* FOUR *questions to be answered.*)

1. A piece of ice is taken at −4° C. and heat is applied to it. Describe the physical changes which the substance undergoes as the temperature is raised to 120° C., the pressure being that of the atmosphere throughout. What would be the effect of an increase of pressure?

A boy eats an ice at 0·° C. weighing 2 oz. Supposing the substance to have the same latent and specific heats, and the same freezing point as water, find in foot-pounds the energy which must be supplied to bring the substance to the temperature of the blood, say 37° C.

2. State exactly what is meant when it is said that the accelerating force of gravity near the earth's surface at Glasgow is very nearly 32·2 in feet and seconds. State briefly why the force of gravity varies at different places on the surface of the earth.

A body is thrown vertically upwards with a velocity of 80 ft. per second. How high will it rise, and what time will elapse till it returns to the point of projection?

3. State the laws of the reflection and refraction of light. A bright object 4 inches high is placed on the principal axis of a concave spherical mirror, whose focal length is 15 inches, at a distance of 3 feet from the mirror. Determine the position and size of its image.

4. Describe the arrangement of lenses (1) in an astronomical telescope, (2) in an opera glass, (3) in a compound microscope, and state the functions of the different parts. Illustrate by diagrams.

5. Describe the motions of the particles of the medium in a sound-wave, and show exactly how these motions give rise to the progressive motion of the wave. Define period and length of the wave.

Give some general explanation of the phenomena of resonance, and show how by means of resonators a complex musical sound may be analysed. A tube closed at one end is 2 feet long, and strongly resounds when a vibrating tuning fork is held over its open end. Find the frequency of the fork. [Velocity of sound 1120 feet per second.]

6. Describe some form of non-polarizing voltaic cell, giving some account of the changes which take place within it when a current flows.

A voltaic battery is joined in circuit with a water voltameter, an electromagnetic engine, and a glow lamp. In what different forms is energy evolved in the circuit, and how does the rate of evolution of each depend upon the current?

Whence is this energy derived?

II.—SECOND PROFESSIONAL EXAMINATION.

DESCRIPTIVE ANATOMY (M.B. AND C.M.).

9th October, 1894.

1. Describe the structures and arrangements seen in the interior of the right auricle of the heart.

2. Describe the connections and microscopic structure common to the spinal ganglia.

3. Describe the form and structure of the thyroid body and of the thymus, and indicate the development of these organs.

4. Describe the external and internal pterygoid and the buccinator muscles, and their actions.

ANATOMY (M.B. AND CH.B.).

9th October, 1894.

1. Describe the psoas magnus muscle, together with its actions, and its relations to other structures, including vessels and nerves.

2. Describe the pericardium and its relations to other structures.

3. Describe the characters of each of the textural elements found in fasciæ, tendons, and ligaments.

4. Describe a vertical section of the brain, passing through the optic commissure.

PHYSIOLOGY—Two Hours.

9th October, 1894.

(*Only* FOUR *questions to be attempted.*)

1. Describe the origin, the position, the extent, and the mode of distribution of the following portions of the spinal cord :—

(*a*) The crossed pyramidal tract.
(*b*) The direct cerebellar tract.
(*c*) The column of Goll.
(*d*) The column of Burdach.

By what methods have these points been elucidated, and what is known of the function of each part?

2. In what part of the circulatory system does the blood pressure undergo the most extensive and sudden variations? How may these be eliminated? What part do these variations play in causing the circulation of the blood?

3. Enumerate and explain in detail the changes taking place when the sympathetic cord in the neck of an animal is divided.

4. Describe minutely the conditions and the products of the pancreatic digestion of proteids.

5. Give an account of the mechanism of accommodation. Explain the methods by which you could demonstrate that accommodation takes place.

III.—THIRD PROFESSIONAL EXAMINATION.

REGIONAL ANATOMY (M.B. AND C.M.).

10th October, 1894.

1. Describe the position of the prostate gland, and its relations to viscera, fasciæ, ducts, and vessels.
2. Describe the arteries, veins, and nerves of the dorsum of the foot.
3. Describe the origin, course, branches, and anastomoses of the superior thyroid, the lingual and the occipital artery.

MATERIA MEDICA AND THERAPEUTICS—Two Hours.

10th October, 1894.

Three questions to be answered by candidates under the OLD *regulations. No. 3 is obligatory. Candidates under the* NEW *regulations are required to answer No. 5 and two others.*

1. What is Santonin? Describe its appearance and physical characters. Give an account of its action and uses, stating its dose and the best methods of administering it.

2. What is meant by the term Hydrogogue Cathartic? Mention four which are official, stating their doses and preparations. In what cases are they used?

3. Write a prescription in abbreviated Latin for an (*a*) astringent, (*b*) diaphoretic, (*c*) diuretic, and (*d*) tonic mixture. Patient an adult. Directions in English.

4. Name the official preparations of Calcium. State shortly the therapeutical uses of each, and give the doses of those which are for internal administration.

5. Describe briefly the nature of Migraine. Indicate the remedies chiefly used during an attack, their doses and mode of administration.

IV.—FINAL PROFESSIONAL EXAMINATION.

SURGERY—Two Hours.

July, 1894.

(FOUR *questions only to be answered. The candidate must answer the first three.*)

1. Describe histologically the formation of a Chronic Abscess.

2. In a case of Inherited Syphilis, state the lesions which may occur, in order of their manifestation: Give the symptoms, appearances, and treatment of the Eye lesions.

3. Give the differential diagnosis of Hydrocele of the Tunica Vaginalis, of Inguinal Hernia, and of Solid Enlargements of the Testicle.

4. Describe the mode of production and appearances found in a case of simple Fracture of the Patella from *indirect* violence: Give the pathology and mode of repair.

5. Give the situation and pathology of Urethral Strictures: Mention the morbid conditions which may result from the Stricture.

PRACTICE OF MEDICINE—Two Hours.

10*th July*, 1894.

(*N.B.—In answering Questions* 1, 2, *and* 4, *prescriptions should be written out as if intended for the chemist, with directions in English.*)

1. State generally what you know about Pneumothorax (excluding the traumatic forms); and more particularly what might be specially remarked upon in a particular case, selected for description as a typical one, of which you are to indicate shortly the physical signs, prognosis, and treatment.

2. What is Multiple Peripheral Neuritis? and how is it to be distinguished from other affections of the nervous system, more or less resembling it? Of the varieties described, name one, and indicate more in detail its aetiology, leading symptomatic characters, prognosis, and treatment.

3. In many of the specific fevers, and also in certain chronic diseases, there are now ample grounds for maintaining a bacterial origin, and it is also generally admitted that the knowledge of this, and of the circumstances influencing the propagation of these bacteria, may be turned to account in the way of prevention of such diseases. Illustrate this position by reference to not more than two such diseases, in which the facts bearing on prevention have been well established.

4. A man, sixty years of age, of robust conformation, and hitherto enjoying very good health, became subject to what may in general terms be called cardiac symptoms, but without dropsy, cyanosis, or any recognizable pulmonary complications. He continued for some time to suffer, more especially on ascending a hill, or on making suddenly some considerable exertion. He consulted his medical attendant, who prescribed remedies, under which he obtained considerable relief. At this time physical diagnosis did not reveal anything quite definitely abnormal; but at a later period indications were obtained of certain changes in the cardio-vascular system, which, together with the symptoms, justified an unfavourable prognosis, and suggested to the mind of his physician what afterwards occurred. The death of this patient, some years after the first symptoms, was appallingly sudden, and the p.m. examination revealed facts in accordance with previous expectation.

Write a short commentary on the above, indicating (if you see fit) one or more views as to the nature of the case, and explaining them in accordance with the facts stated; giving also such additional facts as might be necessary to complete the diagnosis; also a sketch of the treatment which may have given relief.

MIDWIFERY—Two Hours.

11*th July*, 1894.

(*Answer* FOUR *questions only, including the fifth.*)

1. Describe the two kinds of ante-partum haemorrhage, referring to the cause, diagnosis, and treatment of each.

2. State the causes of delay during the second stage of labour, and give briefly the treatment for each case.

3. Enumerate the indications for premature labour, and describe the best methods of induction.

4. Describe the symptoms, course, and treatment of phlegmasia dolens.

5. Describe the various methods of treatment in cancer of the cervix uteri.

MEDICAL JURISPRUDENCE—Two Hours.

9*th July*, 1894.

(FOUR *questions to be answered.*)

1. (*a*) Enumerate the *post-mortem* appearances indicative of recent delivery at term.

(*b*) Give the evidence of maturity in the newly-born infant.

2. Classify the circumstances which modify the onset of putrefaction in the dead body.

3. Death from carbonic oxide—
    (*a*) Under what circumstances may it occur?
    (*b*) What are the symptoms?
    (*c*) What is the appropriate treatment?
    (*d*) What are the *post-mortem* appearances?

4. Describe the symptoms and appropriate treatment in a case of acute poisoning by oxalic acid, and describe the chemical analysis required for the detection of that poison in the contents of the stomach.

5. Describe in detail how you would disinfect a room in which a person had died from small-pox or other infectious disease.

PATHOLOGY—One Hour and a Half.

10*th July*, 1894.

(*Only* FOUR *questions to be answered.*)

1. Give an account of the filaria sanguinis, and of the diseases to which it is supposed to give origin.

2. What are the exact seats in the spinal cord of the lesions in Locomotor Ataxia, Spastic Paralysis, and Infantile Paralysis? Give an explanation of the presence or absence of muscular paralysis, and of muscular atrophy in each of these.

3. Describe the structure of the following forms of tumour, and mention their most frequent situations:—Flat-celled Epithelioma, Giant-celled Sarcoma, Glioma, and Myxoma.

4. In what different ways does obstruction of the coronary arteries of the heart come about? What further changes in the heart will ensue?

5. What is Perimetritis, and how is it brought about? Describe the various conditions of the pelvic organs which may result.

V.—DEGREES IN LAW.

I.—PRELIMINARY EXAMINATION FOR B.L.

a.—ARTS AND SCIENCE PRELIMINARY.

(See pp. 383—402.)

b.—ARTS SUBJECTS.

(Same as for Degree of M.A. See pp. 402—428.)

II.—LAW EXAMINATIONS FOR LL.B. AND B.L.

1. CIVIL LAW—THREE HOURS.

(*N. B.—Candidates are requested to answer only* TEN *of the questions.*)

1. *Jus praetorium est, quod praetores introduxerunt adjurandi, vel supplendi, vel corrigendi juris civilis gratia.* Explain and illustrate this statement.

2. Give a brief account of the Justinianian Code—its contents and its sources.

3. What were the *responsa prudentium?* Indicate the bearing of the theory of the *jus naturale* on the development of the law by the *juris prudentes.*

4. State shortly what you know of the *tutela mulierum.*

5. What rights flowed from the *patria potestas*? In what respects were these rights gradually modified?

6. Sketch briefly the history of the doctrine of prescription from the time of the XII. Tables to the Justinianian period.

7. Define *obligatio.* Analyse and explain your definition. Comment on the statement by Ulpian:—*Ea enim in obligatione consistere, quae pecuniâ lui praestarique possunt.*

8. What is meant by "innominate" contracts? By what action were they enforced?

9. Trace in outline the origin and development of the *Testamentum per aes et libram* up to the time of the empire.

10. Explain the following expressions in the law of succession:—*aditio hereditatis, heredes necessarii, testamentum ruptum, bonorum possessio contra tabulas, substitutis pupillaris.*

11. Cum autem emptio et venditio contracta sit (quod effici diximus, simulatque de pretio convenerit, cum sine scriptura res agitur), periculum rei venditae statim ad emptorem pertinet, tametsi adhuc ea res emptori tradita non sit. Itaque, si fundus vi fluminis totus, vel aliqua ex parte ablatus sit, sive etiam inundatione aquae, aut arboribus turbine dejectis longe minor, aut deterior esse coeperit: emptoris damnum est, cui necesse est, licet rem non fuerit nactus, pretium solvere. Quidquid enim sine dolo et culpa venditoris accidit, in eo venditor securus est. Sed et si post emptionem fundo aliquid per alluvionem accessit, ad emptoris commodum pertinet. Nam et commodum ejus esse debet, cujus periculum est.

Translate the above passage, adding such comments as you may think necessary.

12. Describe the system of judicial procedure (*a*) under the praetors, and (*b*) during the empire.

2. LAW OF SCOTLAND—THREE HOURS.

(*Not more than* TEN *of the following questions are to be attempted.*)

1. State the rights respectively of a principal and an agent and a third party with whom the agent has entered into a contract.
2. What is the liability of an employer to his servants (*a*) at Common Law, and (*b*) under the Act? To what cases does the Act apply?
3. What remedies are open to a purchaser where goods are disconform to contract?
4. How is partnership constituted? How far is receiving a share of profits evidence of partnership?
5. What is the legal position of a person who accepts shares in a company issued at a discount?
6. Compare a *spes successionis* and a defeasible right.
7. Compare the triennial and the quinquennial prescription.
8. Discuss fully the law as to divorce for desertion.
9. Define donation *mortis causa*, and state in distinct propositions the principal rules on the subject.
10. Compare the legal position of a pupil and of a minor in the management and disposal of heritage.
11. Explain the terms: notour bankruptcy, lenocinium, vesting, paraphernalia, approbate and reprobate.
12. State the provisions as to bail for crime.

3. CONVEYANCING—THREE HOURS.

1. What is meant by Infeftment? Give a short historical account of the procedure in obtaining infeftment in feudal subjects from the earliest times to the present day. Explain the phrase Infeftment *ex propriis manibus*. For what purpose was this form chiefly used in modern times? Specify the procedure (*a*) in 1840 and (*b*) in 1894.

2. What were Charters by Progress? How were they necessary? Specify briefly the various classes, explaining the circumstances in which each was appropriate. Notice the changes introduced by the Titles Act of 1858 and the Conveyancing Act of 1874.

3. Explain the origin and purpose of the *a me vel de me* holding.

4. What are Casualties of Superiority, and how did they originate? Enumerate them, with short explanations distinguishing those which have been abolished from those which are still extant. What is meant by a taxed entry, and how are clauses of taxation to be construed? Illustrate your answer with reference to the entry of a singular successor from the following clauses:—

(*a*) "The heirs and assignees of the vassal doubling the feu-duty the first year of their entry as use is of feu farm."

(*b*) "The Superior being bound to enter the heirs and successors of the feuar for payment of 10 merks Scots at the entry of each heir, and that as the composition for the entry of each vassal."

(c) "The heirs and successors of the feuar paying at their entry as follows, viz.:—each heir 5 merks, and each assignee to whom the land shall be disponed 10 merks."

(d) "The heirs and singular successors of the feuar doubling the feu-duty at their entry as use is of feu farm."

5. What is the rule for estimating an untaxed composition? How has this been applied to the case of (a) Lands let by the year in grass, (b) unlet shootings, (c) mineral rents, (d) part of a line of railway, (e) the value set on houses in the Valuation Roll, (f) ground sub-feued partly in consideration of a grassum, (g) land in grass but purchased for a heavy ground annual as building ground? Explain the rules as to deduction of Teinds, and give the rule for fixing the year the rental of which is to be taken (a) under the old law, and (b) under the Conveyancing Act of 1874.

6. What is consolidation? How might it be effected (a) under the old law, (b) under the Titles Act of 1858, and (c) under the Conveyancing Act of 1874.

7. When is Service necessary? State shortly the various changes made by the Service of Heirs Act, 1847, and subsequent Statutes on the Procedure in Services Special and General, and their functions as modes of completing title.

8. What was the old Scotch doctrine as to the disposal of heritage *mortis causa*. How did this doctrine affect (a) the form and essentials of a valid *mortis causa* deed dealing with heritage, (b) the mode of completing title by the general disponee of a person who died infeft and entered with the Superior. What changes were effected by the Titles Act of 1858, the Consolidation Act of 1868, and the Conveyancing Act of 1874 respectively on these points?

9. What is vesting? How may it be postponed? Specify the leading modes with illustrations.

10. Define Prescription, distinguishing it from limitation. What alterations did the Conveyancing Act of 1874 make on Prescription as applied to Land Rights? State the requisites of a prescriptive title (a) in Feudal, and (b) in Burgage subjects, distinguishing the cases of heirs and disponees.

11. Explain the effect of a destination to A in liferent and his children in fee. Indicate the grounds of this interpretation and the various ways of framing the clause to obviate this result.

12. How far does the 117th Section of the Titles to Land Consolidation (Scotland) Act, 1868, change the character of "heritable securities." How does this alter the mode of making up title on the death of the creditor, and in what cases is it still competent to resort to the old modes?

13. What encumbrances may affect a heritable subject without appearing on the records, and how can they be discovered?

14. B infeft conveyed to C as Trustee for his creditors with Power of Sale, and C took infeftment. B died, and on implement of the Trust purposes C conveyed to B's heir D, who took infeftment. Explain why D's title was bad, and how it could be remedied (a) before and (b) after the Conveyancing Act of 1874 came into operation.

4. PUBLIC LAW—Three Hours.

(*Candidates under the Old Regulations are requested to answer* SIX *questions under head* A, *and* THREE *under each of heads* B *and* C.)

(*Candidates under the New Regulations are requested to answer* TEN *questions under* A *only.*)

A.—PUBLIC INTERNATIONAL LAW.

1. What are the sources of International Law?

2. Discuss the notions of obligation and sanction as applied to States.

3. In what sense does the doctrine of Recognition fall under Law?

4. Sketch the history of the idea of Territorial Waters. How does the British Law stand?

5. What is a Consul? How far is he subject to local jurisdiction?

6. What is the force of a treaty in British Law Courts?

7. Illustrate historically the uses and abuses of arbitration.

8. Give some account of the Geneva and St. Petersburg Conventions.

9. What are the general powers and duties of the General in command of an army occupying hostile territory?

10. What is contraband?

11. Sketch the history of the Foreign Enlistment Act, and give an outline of its main provisions.

12. Explain the nature and object of the Law of Search.

B.—INTERNATIONAL PRIVATE LAW.

1. Discuss the various names given to this subject. Can you suggest any reason for the adoption of the above title by the University Commissioners?

2. What authority does Savigny possess in a Scottish Court of Law?

3. A in Scotland writes to B in England a defamatory letter. Can B sue A in Scotland?

4. Can a person recover a debt which is prescribed by the *lex loci contractus*, but not by the *lex fori*?

C.—PHILOSOPHY OF LAW.

1. Examine the proposition that a runaway slave steals himself.

2. "The greatest happiness of the greatest number."

3. The relations of Law and Politics.

4. The idea of Justice in connection with Punishment.

5. CONSTITUTIONAL LAW AND HISTORY—Three Hours.

(Twelve *questions only to be answered.*)

1. Explain and criticise the following statements:—(*a*) "All constitutional law is either common law or statute law," (*b*) "Most of our constitutional law is judge-made law." Are they capable of reconciliation?

2. How far is the expression "representative government" applicable to our present system? Trace the links through which the popular will is brought to bear on the legislature and the executive respectively.

3. Write a short account of the Constitution under Henry VIII. What changes upon its form and spirit were effected by him?

4. How far was privilege of Parliament established in the time of Elizabeth?

5. Give some account of each of the four Parliaments of James I.

6. Compare the causes which led to the Civil War between Charles I. and the Parliament with those which led to the Revolution of 1688.

7. Explain in general terms the provisions of (*a*) the Conventicle Act, (*b*) the Five-Mile Act, and (*c*) the Test Act. What motives led to their enactment?

8. What questions arose as to the jurisdiction of the House of Lords during the reign of Charles II.?

9. Give a list of the main characteristics of the British Constitution of to-day, arranging them on some principle of classification.

10. "With us the State can punish, but it can hardly prevent the commission of crimes." Explain, criticise, and illustrate.

11. State shortly the historical context and the principles involved in the decisions of any three of the following cases, viz.:—Bate's case (4 James I., 1606); Barnardiston *v.* Soame (26 Charles II., 1674); Leach *v.* Money (6 George III., 1765); Kemp *v.* Neville (24 Victoria, 1861); Luby *v.* Lord Wodehouse (28 Victoria, 1865).

12. Discuss the various meanings of "Martial Law." How far may (*a*) a soldier, and (*b*) a civilian in England be subject to its provisions? Illustrate by reference to cases.

13. Discuss the perpetuity and perfection of judgment of the Crown.

14. Explain the nature of the constitutional relationships which subsist between (*a*) the Sovereign and the Ministry, (*b*) the Prime Minister and the Sovereign, and (*c*) the Prime Minister and his colleagues.

15. Enumerate the various duties of a judicial nature performed by the House of Lords. Explain the relationships existing between that House and the judicial system as a whole.

16. Sketch the history of the English law on the subject of Monopolies.

6. MEDICAL JURISPRUDENCE—Two Hours.

1. What circumstances would indicate that gunshot wounds were (*a*) homicidal, (*b*) suicidal, or (*c*) accidental?

2. How may bloodstains be detected (*a*) on clothes, and (*b*) on weapons?

3. What is meant by Livebirth, and what are the principal tests? Describe one.

4. Define and distinguish amentia, dementia, mania, and melancholia. Mention the principal sub-divisions of each.

5. What are the physical signs of rape, and how would you expect these to be modified in the case of (*a*) a young girl and (*b*) a married woman?

VI.—FOR DEGREE OF B.D.

I.—FIRST DEPARTMENT.

I.—HEBREW.

FIRST PAPER—Two Hours.

I. Point and translate the following :—

וידבר יהוה אל־משה ואל־אהרן לאמר׃ זאת חקת התורה
אשר־צוה יהוה לאמר דבר אל־בני ישראל ויקחו אליך פרה
אדמה תמימה אשר אין בה מום אשר לא־עלה עליה על׃
ונתתם אתה אל־אלעזר הכהן והוציא אתה אל־מחוץ למחנה
ושחט אתה לפניו׃ ולקח אלעזר הכהן מדמה באצבעו והזה
אל־נכח פני אהל־מועד מדמה שבע פעמים׃ ושרף את־הפרה
לעיניו את־ערה ואת־בשרה ואת־דמה על־פרשה ישרף׃
ולקח הכהן עץ ארז ואזוב ושני תולעת והשליך אל־תוך
שרפת הפרה׃ וכבס בגדיו הכהן ורחץ בשרו במים ואחר
יבא אל־המחנה וטמא הכהן עד־הערב׃

הודו ליהוה קראו בשמו הודיעו בעמים עלילותיו׃ שירו
לו זמרו לו שיחו בכל נפלאתיו׃ התהללו בשם קדשו ישמח
לב מבקשי יהוה׃ דרשו יהוה ועזו בקשו פניו תמיד׃ זכרו
נפלאתיו אשר עשה מפתיו ומשפטי פיו׃ זרע אברהם עבדו
בני יעקב בחיריו׃ הוא יהוה אלהינו בכל הארץ משפטיו׃
זכר לעולם בריתו דבר צוה לאלף דור׃

II. Give the following in punctuated Hebrew :—

1. And the Lord sent Nathan unto David : and he came unto him, and said unto him, There were two men in one city ; the one rich, and the other poor. 2. The rich man had exceeding many flocks and herds ; 3. But the poor man had nothing, save one little ewe lamb,[1] which he had bought, and nourished up ;[2] and it grew up together with him, and with his children : it did eat of his own meat,[3] and drank of his own cup, and lay in his bosom, and was unto him as a daughter. 4. And there came a traveller[4] unto the rich man ; and he spared to take of his own flock, and of his own herd, to dress[5] for the way-faring man[6] that was come unto him ; but took the poor man's lamb, and dressed it for

the man that was come to him. 5. And David's anger was greatly kindled against the man; and he said to Nathan, As the Lord liveth, the man that hath done this thing shall surely die: 6. And he shall restore the lamb four-fold, because he did this thing, and because he had no pity. 7. And Nathan said to David, Thou art the man. Thus saith the Lord God of Israel, I anointed thee king over Israel, and I delivered thee out of the hand of Saul; 8. And I gave thee thy master's house, and thy master's wives into thy bosom, and gave thee the house of Israel and of Judah; and if that had been too little, I would moreover have given unto thee such and such things. 9. Wherefore hast thou despised the commandment of the Lord, to do evil in his sight? thou hast killed Uriah the Hittite with the sword, and hast taken his wife to be thy wife, and hast slain him with the sword of the children of Ammon. 10. Now therefore the sword shall never depart from thine house; because thou hast despised me, and hast taken the wife of Uriah the Hittite to be thy wife.

[1] ewe lamb, כִּבְשָׂה. [2] Piel of חיה. [3] meat, פַּת.

[4] traveller, הֵלֶךְ. [5] dress, *lit.* make. [6] way-faring man, אֹרֵחַ.

SECOND PAPER—Two Hours and a Half.

I. 1 Sam. xxiii. 1—9.

(*a*) Translate these verses.

(*b*) Parse: שׁסים and הגרנות in v. 1; והושׁעת in v. 2; יראים and מערכות in v. 3; ויוסף in v. 4; וילחם and ויך in v. 5; ויגד and נכר in v. 7; מחרישׁ and הגישׁה in v. 9.

(*c*) Compare the construction of the participles in v. 1 and in v. 4. What is the force of אַף כִּי in v. 3? how is the expression otherwise employed? What are the rules for the pointing of the interrogative הֲ (see v. 2)? What is the precise force of בְּבוֹא in v. 7? What is the construction in בעיר דלתים in v. 7?

(*d*) Discuss the condition of the text of v. 6, and show how the A.V. and R.V. "implicitly adopt an emendation of the text." What is the proper meaning of נִכַּר (v. 7), and what other readings have been suggested?

II. (1) What have you gathered from the book of Hosea or elsewhere as to:—(*a*) The date and residence of the author; (*b*) the condition of the text; (*c*) the social and political situation implied; and (*d*) the standpoint and attitude of the prophet?

(2) Hosea x. 1—8.

(*a*) Translate this passage.

(*b*) Parse difficult or unusual words.

(*c*) Make remarks explanatory of striking constructions and peculiarities of the text.

(*d*) Sum up the drift of the passage, and elucidate apparent allusions.

III. (1) Psalm lxxiv. 1—11.

(*a*) Translate these verses.

(*b*) Parse difficult and unusual words.

(*c*) Explain peculiar or striking constructions.

(*d*) Put down in form of a paraphrase what you take to be the situation referred to by the Psalmist.

(2) What are the characteristics of Asaphic Psalms?

(3) State the main points involved in the question of Maccabean Psalms, and the nature of the evidence available for its solution.

2. NEW TESTAMENT EXEGESIS—Three Hours.

1. State the different views (1) as to the design, (2) as to the authorship, of the Book of Acts.

2. Compare Luke viii. 5—18 with the corresponding passages in Matthew. Note the differences in order and in expression. Account, if you can, for the differences in order, and show exegetically the effect of the differences in expression.

3. Translate accurately *ταῦτα λέγων ἐφώνει* in Luke viii. 8. Distinguish this from *ταῦτα εἰπὼν ἐφώνησεν*. Why is the former used in this passage?

4. Translate, with exegetical notes, Luke xii. 49—53.

5. Translate Phil. ii. 5—11. Comment on these verses clause by clause, pointing out the mutual relations of the several clauses. State precisely the function of each participle in the passage.

6. Translate Phil. iii. 7—11. Add exegetical remarks, bringing out by paraphrase points requiring elucidation.

3. APOLOGETICS—Three Hours.

1. State, and briefly examine, the principal forms of *a priori* argument for the existence of God.

2. Examine the argument from "design" in the light of the objections taken to it.

3. Discuss shortly the import and application of the idea of Personality in relation to God.

4. Explain the meaning, and shortly examine the use, of the terms (*a*) "Evolution," (*b*) "Final Causes," and (*c*) "Theistic Proofs."

5. Give a short account of the question discussed as to the objectivity of the Divine attributes.

6. Specify the Biblical designations of miracle, and indicate their special significance.

7. Briefly examine the definition of miracle as taking place *praeter naturam*, *contra naturam*, or *supra naturam*; and the use of the expressions "nature" and "law" in this connection.

8. Classify the chief objections taken to miracle, and state by whom they have been respectively urged.

9. More specially state and examine the argument of Hume.

II.—SECOND DEPARTMENT.

1. DIVINITY—Three Hours.

1. What are the chief passages of Scripture on which the doctrine of "the image of God in man" is based? Briefly discuss their exegetical import.

2. State and shortly examine the chief theological explanations of the expression.

3. Discuss shortly the conception of "law," (*a*) in general, (*b*) as qualified by the terms "natural" (or physical), "civil," "moral," (*c*) in Biblical usage, and (*d*) more especially as employed in the writings of St. Paul.

4. Indicate the tenor of St. Paul's teaching as to sin in relation to (*a*) the law, (*b*) the flesh, and (*c*) the mission and work of Christ.

5. Define, and illustrate by distinctions, the idea of "guilt."

6. Shortly criticise the views as to the origin of sin associated with the names of Leibnitz, Schiller, Rothe, and Julius Müller respectively.

7. State and briefly examine the Pelagian, Augustinian, and Federal positions as regards the relation between the sin of Adam and that of his posterity.

8. State the main elements of the Pauline teaching as to Justification, and compare it with that of James.

9. Indicate the chief points of difference between the Roman Catholic and Protestant positions as to Justification, and Faith and Works in relation thereto.

10. Illustrate the Pauline doctrine of sin by specifying and distinguishing the chief expressions applied to sin by St. Paul.

2. CHURCH HISTORY—Three Hours.

1. State the extent and nature of the Papal claims advanced by Hildebrand, and their results in the relations between the Empire and the Papacy.

2. Give an estimate of the effect of the Crusades on the social and religious condition of Western Europe.

3. Sketch the growth of the scholastic theology, and point out the respective principles of Anselm and of Abelard.

4. Explain the philosophical controversy which divided the Scotists and Thomists.

5. Trace the causes and effects of the "Babylonish Captivity," and "Schism of the West."

6. Name the Reforming Councils, and specify the principles advocated by John Gerson.

7. What was the relation between Wyclif's teaching and the religious movement in Bohemia in the 15th century?

8. Describe the condition of the Eastern Church in that century.

9. Point out the principal influences preparing the way for the Lutheran Reformation, towards the close of the 15th and the beginning of the 16th centuries.

10. Give some account of Peter Lombard, Laurentius Valla, and John Ruysbrock.

3. BIBLICAL CRITICISM.

a. TEXTUAL CRITICISM—Two Hours.

1. Give a classification of various readings, and deduce from it canons for the elimination of transcriptional changes.

2. What special merits and defects attach to Versions and Patristic Citations respectively as sources of evidence for the text of the New Testament?

3. Describe the Ammonian Sections and Eusebian Canons. In what kind of questions does this system of dividing the text give important evidence?

4. In what circumstances, according to Griesbach, is the shorter reading to be preferred to the longer?

5. Give some account of the theories of recensions. State and examine the arguments adduced by Westcott and Hort in support of their theory that a Syrian Recension was made between A.D. 250 and A.D. 350.

6. Describe any two of the following MSS.:—ℵBCDΔ. Mention the characteristics of the *type of text* which these and kindred MSS. contain.

7. State the rules followed by Tischendorf in determining the text of the New Testament, with illustrations of each. Tischendorf's eighth edition differs from the seventh in more than three thousand places. Are these changes due to any difference in the rules which he followed? If not, to what cause or causes are they due?

b. HERMENEUTICS—Two Hours.

1. Is Textual Criticism a part of Hermeneutics? State precisely the scope assigned to Hermeneutics by those who answer this question (*a*) in the affirmative, (*b*) in the negative. Which view do you take? Justify your answer.

2. The speaker proceeds from thought to speech, the hearer from speech to thought. Substitute *ancient writer* and *modern reader* for *speaker* and *hearer* respectively, and thence deduce in order the steps of the Hermeneutical process.

3. What is meant by the Hebrew element and the Christian element in New Testament Greek? Illustrate your answer by examples.

4. Distinguish clearly the different meanings attached to the word *text*, whether in Textual Criticism or in Hermeneutics.

5. What are the cautions to be observed in the use of parallel passages?

6. The range of the context varies according to the kind of composition. Explain and illustrate this statement.

7. Briefly state the characteristics of Paul's style, and of John's.

8. Compare the School of Alexandria and the School of Antioch, and name the leading representatives of each.

VII. EXAMINATIONS FOR HISTORICAL PRIZES.

I.—LUKE.

A.—ROMAN HISTORY.

1. Translate and comment upon the following passages :—

(*a*) Idemque, in quo fuit publicola maxime, legem ad populum tulit eam, quae centuriatis comitiis prima lata est, ne quis magistratus civem Romanum adversus provocationem necaret neve verberaret. Provocationem autem etiam a regibus fuisse declarant pontificii libri, significant nostri etiam augurales, itemque ab omni iudicio poenaque provocari licere indicant XII tabulae conpluribus legibus, et, quod proditum memoria est, X viros, qui leges scripserint, sine provocatione creatos, satis ostenderit reliquos sine provocatione magistratus non fuisse; Luciique Valerii Potiti et M. Horatii Barbati, hominum concordiae causa sapienter popularium, consularis lex sanxit, ne qui magistratus sine provocatione crearetur. Neque vero leges Porciae, quae tres sunt trium Porciorum, ut scitis, quicquam praeter sanctionem attulerunt novi.

(*b*) Creatique tribuni C. Licinius et L. Sextius promulgavere leges omnes adversus opes patriciorum et pro commodis plebis, unam de aere alieno ut deducto eo de capite, quod usuris pernumeratum esset, id quod superesset triennio aequis portionibus persolveretur, alteram de modo agrorum ne quis plus quingenta iugera agri possideret, tertiam ne tribunorum militum comitia fierent consulumque utique alter ex plebe crearetur.

(*c*) Et quum rogationem promulgassent ut ager ex hostibus captus viritim divideretur, magnaeque partis nobilium eo plebi scito publicarentur fortunae—nec enim ferme quicquam agri ut in urbe alieno solo posita non armis partum erat, nec quod venisset adsignatumve publice esset praeterquam plebs habebat—atrox plebi patribusque propositum videbatur certamen.

(*d*) Tum Cn. Pompeius tertium consul corrigendis moribus delectus et gravior remediis quam delicta erant suarumque legum auctor idem ac subversor, quae armis tuebatur, armis amisit. Exim continua per viginti annos discordia, non mos, non ius; deterrima quaeque inpune ac multa honesta exitio fuere. Sexto demum consulatu Caesar Augustus, potentiae securus, quae triumviratu iusserat abolevit, deditque iura quis pace et principe uteremur.

2. Describe briefly the relations of Rome with Carthage down to the end of the Third Punic War. What were the circumstances which brought the two powers into collision? Give the names and dates of all the more important battles that were fought between them.

3. To what extent is it true that the Battle of Actium may be described as "a Second Salamis"?

4. Contrast the colonial systems of Greece, Rome, and Great Britain, with especial reference to their bearing upon the power of the mother country.

5. Describe shortly the Roman system of criminal jurisdiction. In what respects, and from what causes, did it break down?

6. Give a life of Marius, with dates.

7. "Caesar was by nature as intolerant, as Augustus was tolerant, of established forms." Explain and criticise this statement.

8. Describe accurately the frontiers of the Roman Empire at the time of the death of Augustus. To what extent was the empire subsequently extended, and by whom?

9. What light does the history of Rome throw upon the question of a Single or a Double Chamber?

10. How far do the Arts and Professions in which the Greeks and Romans respectively achieved excellence illustrate the difference between the Greek and Roman character?

11. Enumerate the various populations outside Latium inhabiting Italy at the time of the foundation of Rome, and state what is known of their relation to the Romans.

12. Trace the development of military tactics among the Romans; and give the causes which gave rise to changes.

B.—GREEK HISTORY.

I.—Comment upon the following passages, translating where necessary:—

1. Καὶ μετὰ τὰ Τρωικὰ ἡ Ἑλλὰς ἔτι μετανίστατό τε καὶ κατῳκίζετο ὥστε μὴ ἡσυχάσασα αὐξηθῆναι· ἥ τε γὰρ ἀναχώρησις τῶν Ἑλλήνων ἐξ Ἰλίου χρονία γενομένη πολλὰ ἐνεόχμωσε, καὶ στάσεις ἐν ταῖς πόλεσιν ὡς ἐπὶ τὸ πολὺ ἐγίγνοντο.

What conditions and events does this refer to? Is it the true explanation?

2. Δράκοντος δὲ νόμοι μέν εἰσι, πολιτείᾳ δὲ τῇ ὑπαρχούσῃ τοὺς νόμους ἔθηκεν. ἴδιον δ' ἐν τοῖς νόμοις οὐδέν ἐστιν ὃ καὶ μνείας ἄξιον, πλὴν ἡ χαλεπότης διὰ τὸ ζημίας μέγεθος.

Criticise this statement.

3. (*a*) Ὑᾶται, Ὀνεᾶται, Χοιρεᾶται.

(*b*) Μέτα δὲ τετραφύλους ἐόντας τοὺς Ἀθηναίους δεκαφύλους ἐποίησε, τῶν Ἴωνος παιδῶν ἀπαλλάξας τὰς ἐπωνυμίας.

Explain the names in (*a*) and the statement in (*b*).

4. Ἀθηναίοισι δὲ οὐκ ἐδόκεε ἀρχὴν Ἰωνίην γενέσθαι ἀνάστατον, οὐδὲ Πελοποννησίοισι περὶ τῶν σφετερῶν ἀποικιῶν βουλεύειν.

What was the proposal the Athenians opposed?

5. Καὶ τὴν μὲν ἐν Ἀρείῳ πάγῳ βουλὴν Ἐφιάλτης ἐκόλουσε καὶ Περικλῆς.

Explain and criticise.

6. Εἰ δὲ προχωρήσειε ταῦτα, ἤδη τῇ Πελοποννήσῳ ἐμέλλομεν ἐπιχειρήσειν, κομίσαντες ξυμπᾶσαν μὲν τὴν ἐκεῖθεν προσγενομένην δύναμιν τῶν Ἑλλήνων, πολλοὺς δὲ βαρβάρους μισθωσάμενοι καὶ Ἴβηρας.

Who said this? Was the idea ever really entertained?

7. Οὐκ ἔφη ἑαυτοῦ γ' ἄρχοντος οὐδένα Ἑλλήνων εἰς τὸ ἑαυτοῦ δύνατον ἀνδραποδισθήσεσθαι.

Who said this? What was the usual practice?

8. *'Αργαῖον κατάγοντας λαβὼν τῶν ἡμετέρων τινὰς πολιτῶν, ἀφῆκε μὲν αὐτούς, ἀπέδωκε δὲ πάντα ὅσ' ἀπώλεσαν, πέμψας δὲ γράμματα ἐπηγγέλλετο ἕτοιμος εἶναι συμμαχίαν ποιεῖσθαι.*

Explain historically.

II.—Answer not more than FOUR of the following:—

1. Discuss the civilization of Mycenae and Tiryns.

2. Discuss the position in Greek History of the Carians, Leleges, Minyae, Aetolians.

3. Discuss the position and influence of the Delphic Oracle.

4. Show the political justification for the existence of *τύραννοι* and *συκόφανται*.

5. What were the principal trade-routes and trade-wars?

6. Show the geographical divisions of the Athenian Empire, and discuss the incidence of the tax.

7. Give the allies of both parties at the outbreak of the Peloponnesian war.

8. Describe the battles of Artemision, Mantinea, Chaeronea; and state what Greek troops were engaged at Thermopylae.

9. Give an account of the conspiracy of Cinadon.

10. Give an account of the (second) Sacred War.

11. Give an account of Cleomenes I., Theramenes, Epaminondas.

II.—GLADSTONE.

1. What elements of fact are contained in the Arthurian legends?

2. How did the character and actions of Edward the Confesssor prepare the way for the Norman Conquest?

3. Point out the differences between Continental feudalism and English feudalism. How far is it true that the Norman Conquest introduced feudalism into England?

4. Sketch the career of Simon de Montfort, and estimate the ultimate effect of his measures.

5. Give an account of the struggle of the monarchy with the Church in the time of Becket, and show how it was affected by the condition of the papacy.

6. How did the Renaissance influence the social and literary development of England.

7. Account (*a*) for the intimate relations between Scotland and France before and during the Reformation period, and (*b*) for the strength of the Calvinistic element in the Scottish Reformation.

8. Describe the policy and character of Pym.

9. Describe and discuss the policy of Charles II. and James II. towards the Nonconformists.

10. Describe the struggle of Whigs and Tories in the reign of Queen Anne. How far had the system of party government been carried by the end of this reign?

11. How far is it true that the wars waged by Great Britain during the eighteenth century were urged for colonial and commercial supremacy?

12. Describe the policy of Pitt as regards Irish trade and Catholic emancipation.

XIII.—VACATION EXERCISES, Etc.

FOR 1895-96.

HEBREW AND SEMITIC LANGUAGES.

Prizes are offered :—

1. For an original composition in Hebrew.
2. For readings in the Old Testament Scriptures.
3. For an Essay on the History of the Massoretic Text.

Professions to be given in, in writing, not later than 11th November, 1895.

MORAL PHILOSOPHY CLASS.

A Prize is offered for the best Examination on Plato's *Republic* (Davies and Vaughan's translation). It is open for competition to students entering the ordinary Moral Philosophy Class in session 1895-96.

ENGLISH LITERATURE.

VACATION READING.

Shakespeare's *King Lear* and *Macbeth* ; Tennyson's *Idylls of the King.* The Examination is open to members of the Class of 1894-95, and to intending members of the Class of 1895-96. A prize will be given for the best paper done in each class. Questions requiring a minute study of the text will not be set.

GREEK CLASSES.

Open to any member of the Greek Class, Sessions 1894-95 and 1895-96.

1. Greek Prose—Lord Erskine's Speech for Thomas Paine : "Gentlemen, in that great and calamitous conflict . . . to which both of them are answers," pp. 188-191 in the Camelot series *Political Orations.*

2. To learn by heart Aeschylus' *Agamemnon*, omitting the lyrical passages.

3. To learn in the same way *Odyssey* X.

4. A written examination in Sophocles' *Oedipus Tyrannus*, to be held in October, 1895.

The same student may enter for all the above competitions. Several prizes may be given for each competition.

The Prose to be sent in by 22nd October, 1895.

HUMANITY CLASS.

Prizes will be given for Vacation Exercises as follows :—

I. Open to all students who shall enrol in the Senior Class of 1895-96, for the best Examination in the following subjects :—
  1. Livy, Book XXI. (Capes.)
  2. Horace, *Odes* I. ; Virgil, *Georgic* II.

II. Open to all members of the Junior Class, 1894-95.
  1. Virgil, *Æneid* II., lines 1—401 (Sidgwick).
  2. Cicero, *De Amicitia* (Sidgwick).

III. For Latin Prose—Open to all members of the Senior Class, 1895-96. *Gulliver's Travels*, Part II. (Voyage to Brobdingnag), cap. vi., from "I began my discourse by informing His Majesty," down to "as members in the lower senate."

IV. For Latin Prose—Open to all students who shall enrol in the Senior Class of 1895-96. For the best translation into Latin of Second Punic War (Arnold. Macmillan & Co., or Arnold's *Rome*, chap. xliii.), p. 139, "Matters were," to p. 141, "Roman governor."

The Examinations in the above subjects will be held early in November, 1895. The exercises must be sent in to the Professor on or before 1st November. Each exercise must bear a motto, and be accompanied by an envelope bearing the same motto, with the writer's name inside, together with a statement that the exercise is his own unaided work.

CLASS OF BOTANY.

A prize is offered to students in the Class of Botany in Session 1894-95 for the best and approved Herbarium of Scottish Phanerogamous and Vascular Cryptogamous plants, to be named after Hooker's *Students' Flora of the British Islands*. The specimens must have been collected upon the mainland of Scotland, or upon the Scotch Islands, between 22nd April, 1895, and 9th October, 1896, and must have affixed, in addition to the name, the date and locality of collection.

The Herbaria must be sent, addressed to the Professor of Botany, to the University of Glasgow, on or before 9th October, 1896, and with each a sealed note bearing a motto outside, and containing the name of the competitor, with a declaration that the plants in the collection have all been gathered by himself in Scotland, and within the period above stated, and that they have been named by him without assistance, save that derived from books or Herbaria.

The collections must be accompanied by a numbered and arranged list of the plants contained in them.

XIV.—ABSTRACT OF THE PROCEEDINGS OF THE UNIVERSITY COURT.

FROM 1ST JUNE, 1894, to 31ST MAY, 1895.

14th June, 1894.—The Court met. Present—The Principal (in the chair); Sir James King, Bart., LL.D.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Professor Ramsay; Professor Gairdner; Sheriff Berry; and Professor Stewart. Letters from the Clerk to the General Council were submitted requesting information as to the negotiations with the Muirhead Trustees, and as to the statistics and composition of the junior and middle classes in session 1893-94. The Secretary was instructed to reply that in the present state of their relations with the Muirhead Trustees the Court do not consider it advisable to give just now the information requested, and the second matter was sent on to the Senate for report. A letter from the Convener of the Finance Committee of the Business Committee of the General Council was submitted, requesting information as to the decrease in the number of Honours graduates in Arts in 1892-93 compared with preceding sessions. The letter was remitted to a committee to reply. A report by the Senate on a representation by the Students' Representative Council regarding the B.D. Examinations, their dates, and the question of publishing in the Calendar the papers set, was submitted, and the Secretary was instructed to communicate the substance of the report to the Students' Representative Council. The resignation by Dr. Phillips of his Examinership in Midwifery was intimated, and after a vote Dr. Samuel Sloan, Glasgow, was appointed Examiner in Midwifery for the remainder of Dr. Phillips' term of office. Professor Simpson being incapacitated by illness from acting as examiner in the final professional examinations in July, the Court approved of an arrangement made by the Senate that Dr. T. K. Dalziel should take his place. A letter from Lord Kelvin was submitted, intimating his intention to offer for the acceptance of the University the apparatus which belongs to him, and which has been used for years back for experimental illustrations in the lectures and experimental work in the Laboratory of the Natural Philosophy department. The Secretary was instructed to express the cordial thanks of the Court to Lord Kelvin for his gift, which they accept; and, in further reply to his letter, to authorize him to make purchases of further apparatus, as he suggests, against the first grant of £100 from the Bellahouston Trustees for this purpose. A letter from Professor M'Kendrick was submitted regarding the application of the Bellahouston grant of £400 for the purchase of physiological apparatus, together with an estimate which he had received. The

Secretary was instructed to authorize Professor M'Kendrick to carry out the proposals contained in his letter, entailing an expenditure out of the grant of about £300. A letter from Professor Bower was submitted, dealing with the subject of the new Botany Class Buildings to be erected in consequence of the Bellahouston grant, and making various suggestions as to site and style of building. The letter, along with the sketch plans now received from Mr. Scott, were remitted to the Works Committee for report, with power to consult Professors Barr and Bower thereon. The Secretary submitted a letter drawing attention on behalf of the Queen Margaret College students to the lack of practical instruction in botany for women students. The letter was remitted to the Queen Margaret Committee, with power to consult with Professor Bower. A letter from the Scottish University Commissioners was submitted requesting the Court's opinion as to centres of examination for the preliminary examinations, and the Secretary was instructed to reply that the Court consider it indispensable that the preliminary examinations for each University should be held at the seat of that University. Professor Ramsay was added to the Joint Board of Examiners as the representative of Glasgow University in Modern Languages, Ordinance No. 43 having now received the approval of Her Majesty in Council. A report by the Committee on the teaching of Law subjects, *inter alia* suggesting as to providing lecturers—Civil Law and Constitutional Law and History—was submitted and approved. The Court appointed Mr. James Mackenzie, writer, Glasgow, as lecturer on Mercantile Law for five years, from 1st October, 1895, and Mr. W. Galbraith Miller, LL.B., advocate, Edinburgh, as lecturer on Philosophy of Law, Public International Law, and International Private Law for five years, from beginning of next session. The Finance Committee minute of 12th June was read and approved, dealing *inter alia* with the University securities and the payment of Professors' salaries. The Works Committee minute of 14th May was submitted and approved, dealing with the painting and ventilating of Queen Margaret College. A report by a Committee on Regulations for Recognition of Extra-Academical Teachers was submitted and approved, and its insertion in the calendar authorized. The Court agreed to recognize the six months' course of Physics in Melbourne University, and also the lectures of the following on the subjects specified, all as qualifying for purposes of graduation in Medicine in this University:—A. N. M'Alpine, Edinburgh, Botany; William Russell, M.D., Edinburgh, Pathology and Practical Pathology; Francis M. Caird, M.B., C.M., and Henry A. Thomson, M.B., C.M., Edinburgh, Surgery; Augustus A. Matheson, M.D., Edinburgh, Midwifery; Alexander James, M.D., Edinburgh, Practice of Medicine; George T. Beatson, M.D., Glasgow, Surgery. A letter from the Clerk of Senate was read intimating that the late Rev. Archibald K. M'Callum, LL.D., had bequeathed to the University an annual sum for the endowment of a lectureship on Celtic Literature, together with his library, a presentation silver tray, and an annual sum of £10 for the purpose of making additions to his library. A memorial by the Professor of Materia Medica was submitted, regarding the expediency of attaching the Professor of Materia Medica and Therapeutics to a hospital, and the Secretary was instructed to reply that the Court regret that they do not see their way to take any immediate action in the manner Professor Charteris indicates. The Secretary reported that he had received intimation that Ordinance No. 52 had been laid before both Houses of Parliament, and that a number of ordinances had received the approval of Her Majesty in Council. Excerpt Minutes of Senate granting the privilege of special reader at the library were read.

5th July, 1894.—The Court met. Present—The Principal (in the chair); Sir James King, Bart., LL.D.; M. P. Fraser, LL.B.; James Colquhoun, LL.D., Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir John N. Cuthbertson; Professor Ramsay; Professor Gairdner; Sheriff Berry; and Professor Stewart. The Secretary reported that he had duly advertized the vacant Chairs of Moral Philosophy and History, and submitted lists of the applicants and copies of their applications and testimonials to the Chair of Moral Philosophy. After a vote the Court appointed Mr. Henry Jones, Professor of Logic and Metaphysics in the University of St. Andrews, and to the Chair of History the Court appointed Mr. Richard Lodge, Fellow of Brasenose College, Oxford.

2nd August, 1894.—The Court met. Present--The Principal (in the chair); the Lord Provost; Sir James King, Bart., LL.D.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson; Professor Ramsay; Professor Gairdner; Sheriff Berry; and Professor Stewart. A report by the Committee on Teaching of Law Subjects, with special reference to the teaching of Civil Law and Constitutional Law and History, was read, and Frederick Parker Walton, LL.B., advocate, Edinburgh, was appointed Lecturer on Civil Law; and William Sharp M'Kechnie, LL.B., writer, Glasgow, Lecturer on Constitutional Law and History, both for a period of five years from 1st October next. A report by the committee on the appointment of an underkeeper in the pathological department of the Hunterian Museum was read and approved, and John H. Teacher, M.A., M.B., C.M., was appointed to the post for one year from 1st October next. Finance Committee Minutes of 18th June, 4th July, and 31st July, dealing chiefly with the remuneration of assistants and lecturers, the dates of payment of professors' salaries, and the University securities, were read and adopted. Works Committee minutes of 19th June, 4th July, and 27th July, dealing with work and repairs to be performed at the University buildings during the vacation, and with the proposed new buildings for engineering and botany at the University, and for anatomy at Queen Margaret College, were read and adopted. It was remitted to a committee of the whole Court to inspect and, if thought fit, to approve of the working plans of the new anatomical building at Queen Margaret College, and thereafter to accept suitable tenders. The minute of meeting of curators for the appointment of a Professor of Pathology, of 26th June, was read, appointing Joseph Coats, M.D., Professor of Pathology, and the secretary intimated Dr. Coats' acceptance of the professorship. A letter from Professor Cleland was read, offering, for the acceptance of the Court, the anatomical preparations which he has accumulated during the course of his professorship, under condition of accommodation being found for their display, and of their being made available to medical students. The secretary was instructed to express to Professor Cleland the cordial thanks of the Court for his gift, which they accept on the conditions attached to it. Mr. Andrew Gray was appointed examiner for degrees in Science during the remainder of his term of office as examiner in mathematics for degrees in Arts. A representation by the Students' Representative Council on the necessity of providing facilities for clinical teaching in connection with the Chair of Materia Medica was submitted, and the secretary was instructed to express the Court's sympathy with the object of the representation, but to state that they regret that they do not see their way to take any immediate action in the matter. Dr. William Smart was reappointed Lecturer on Political Economy; Dr. Thomas Reid, Waltonian Lecturer and Lecturer on the Eye; and Mr. Andrew Gray, additional examiner in physics for degrees in medicine, all for one year, from 1st October next. Miss Galloway was reappointed secretary to the Women's Department, under the direction of the Clerk of Senate. Minute of meeting of the Queen Margaret Committee of 1st August, expressing sympathy with the representation of Queen Margaret College lecturers for longer terms of appointment, and suggesting that the question as to the lecturers taking part in the degree examinations should be sent to the Senate for report, was read and approved. A report by the Committee on a proposed Degree in Public Health was submitted and approved. The report recommends a deputation to be sent to visit other public health laboratories, and report thereon. Mr. R. M. Wenley was reappointed assistant to the Professor of Logic for one year, from 1st October next. In reply to a letter from the Town Clerk Depute, the Secretary was instructed to state that the Court do not see their way to convey to the Parks Trust a strip of ground at Queen Margaret College. A print of regulations framed by the Senate for examinations for degrees in Science was approved by the Court. On a report by the Senate, the Court agreed to recognize the lectures of the following on the subjects specified as qualifying for purposes of graduation in medicine—George B. Todd, M.B., C.M., Zoology; Peter Alexander, M.A., Physics; Robert Turnbull, B.Sc., Botany; John Hardie, M.B., C.M., Anatomy and Practical Anatomy; and Percy F. Frankland, B.Sc., Chemistry. Consideration of an application for the recognition of the Law Faculty of St. Mungo's College was deferred. The Court resolved, on the question being raised by a letter from the Clerk of Senate, that the holding of an assistantship should not disqualify for competition for scholarships. The Secretary reported that he had received intimation that Ordinance No. 54 had been laid before both Houses of Parliament. Excerpt minute of Senate granting the privilege of special reader at the library was submitted.

7th September, 1894.—The Court met. Present—The Principal (in the chair); James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sir J. N. Cuthbertson; Professor Ramsay; Professor Gairdner; and Sheriff Berry. The Court received with great regret intimation that Mr. Veitch, Professor of Logic and Rhetoric, died on 3rd inst. at Peebles. After a vote, it was resolved to meet on 14th inst. for the purpose of making an appointment to the vacant Chair.

14th September, 1894.—The Court met. Present—The Principal (in the chair); Sir James King, Bart., LL.D.; James Colquhoun, LL.D.; M. P. Fraser, LL.B.; the Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Ramsay; Professor Gairdner; and Sheriff Berry. After a vote, the Court agreed to postpone the election of a Professor of Logic and Rhetoric till next spring, and it was remitted to the Principal to make arrangements for the conduct of the work of the chair during the winter. Principal Sir William Muir was appointed preliminary examiner in Hindustani, and Mr. E. J. W. Gibb, 15 Chepstow Villas, Bayswater, London, was appointed preliminary examiner in Persian, each for next preliminary examinations.

18th October, 1894.—The Court met. Present—The Principal (in the chair); Sir James King, Bart., LL.D.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson; Professor Ramsay; Professor Gairdner; Sheriff Berry; and Professor Stewart. There was read to the Court a minute drawn up by the Principal, which had been forwarded to Mrs. Veitch, expressing the Court's deep regret at the loss sustained by the University through the death of Professor Veitch, and sympathy with her in her bereavement. Mr. William Crum, of Thornliebank, and Professor Gairdner were appointed to represent the Court as governors of the Victoria Infirmary and Mr. M. P. Fraser and Dr. M'Vail as managers of the Western Infirmary, the appointments being for the ensuing year. The Court resolved to ask Sheriff Vary Campbell to be their representative on the Highlands and Islands Educational Trust, to fill the vacancy caused by the retirement of Sir James King. In terms of a remit at last meeting, when it was left to the Principal to make suitable arrangements for conducting the Logic Class this winter, the Principal reported that, acting on the principle that candidates for the chair should not be eligible for the temporary appointment, he had arranged with the Rev. R. A. Duff, M.A., to conduct the class during the session. A letter from Professor Jones was submitted, making certain suggestions regarding the teaching of Moral Philosophy to Women Students this session. It was agreed to consult the Senate on this letter and the whole question of Mixed Classes. The Court appointed the University assistants and lecturers for the coming session. Mr. R. M. Wenley, M.A., was also appointed Lecturer in Logic at Queen Margaret College for this session. A letter was read from Dr. J. Yule Mackay resigning the offices of Lecturer on Embryology and Senior Anatomy Demonstrator, in consequence of his appointment to the Chair of Anatomy in University College, Dundee. It was remitted to the Finance Committee to prepare a statement showing the resources at the disposal of the Court for building purposes, and to obtain a survey of the whole University grounds, giving levels, etc., so as to show what ground is available for building; the statement and survey to be laid before a committee of the whole Court. There was read to the Court an address which had been sent to the Queen, congratulating Her Majesty on the birth of a son and heir to the Duke and Duchess of York. A letter was submitted stating that the Commissioners of the Treasury will take the first available opportunity to have the stamp duty on the Degree of M.D. in the Scottish Universities repealed. A report by a committee on the working of Queen Margaret College was read, and in accordance with the recommendation therein a Standing Committee of the Court was appointed to form the Queen Margaret College Committee. A letter was submitted from the students at Queen Margaret College asking that the Court should consider the advisability of securing for the women medical students a wider field for clinical work in the Royal Infirmary. The Secretary was instructed to reply that the subject of Clinical Teaching for Women Students would have the Court's attention. Finance Committee minutes of 14th August and 16th October dealing, *inter alia*, with salaries of assistants and lecturers, fees of preliminary examiners, class expenses, class fees, University securities, and proposals for loan, were read and, after discussion, approved. It was reported that a die for the Logan Medal had now been struck, and arrangements made for the issuing of medals annually. The Glasgow University Extension Board were granted the use of a room in Queen Margaret College on the same conditions as last year. It was resolved that the Examinership in Mental Philosophy, which falls vacant on 31st December next, should in future be divided, so that one examiner should be appointed to examine in Moral Philosophy and Logic, and another examiner should be appointed to examine in English. It was reported that Lord Reay had consented to act as representative of the University at the inauguration of the new University Buildings at Lyons. A report on the apparent decrease in the number of graduates with Honours in Arts was submitted, and ordered to be transmitted to the General Council. The Secretary reported that he had received intimation of the continuation of the Commissioners' powers till 1st January, 1896. It was reported that Ordinance No. 50, fees, etc., had received the approval of Her Majesty in Council, and that Ordinances Nos. 57 and 58, bursaries, etc., had been laid before both Houses of Parliament. Excerpt minute of Senate was read, granting the privilege of special reader at the library. The following donations to the Hunterian Museum were intimated and accepted, and the Court's thanks were directed to be conveyed to the donors:—(1) Two model canoes from the Solomon Islands, presented by Mrs. Cleland; (2) Collection of fossils, presented by Mr. James Carter, F.C.S.

8th November, 1894.—The Court met. Present—The Principal (in the chair); the Lord Provost; Sir James King, Bart., LL.D.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson; Professor Ramsay; Professor Gairdner; Sheriff Berry; and Professor Stewart. It was agreed to throw open the Hunterian Museum free to the members of the Congress of the Educational Institute of Scotland during their meeting at the University on the 3rd and 4th of January next. An excerpt minute of Senate was submitted recommending the institution of a Lectureship on the Ear and of a Lectureship on the

Throat and Nose, and was remitted to a committee for consideration and report, with power to consult with the managers of the Western Infirmary. The application on behalf of the Law Faculty of St. Mungo's College for recognition of its teaching under the new law ordinances was again submitted, together with a report by the Senate. After discussion it was again remitted to the Senate for further inquiry and report. The report of the committee of the whole Court approving of the plans of Queen Margaret College new anatomy department was read and adopted. The Works Committee minute of the 4th September, accepting tenders for the work to be done at Queen Margaret College in connection with the above new buildings, was approved. It was remitted to the same committee to consider as to the putting up of memorial tablets in the University Buildings and to report. A letter from the City Engineer regarding the strip of ground at Queen Margaret College was read, proposing to take down the fence between the Botanic Gardens and the strip of ground, and to maintain the strip of ground meantime in the same style as the Gardens, but to put up boundary stones so as to preserve the University's right of property, and it was agreed to accede to the proposals of the Parks Committee, provided the Works Committee, after visiting the spot, see no grave reason against doing so. A letter from Professor Young was submitted, drawing attention to the requirements of the Hunterian Museum, and the Secretary was instructed to refer Professor Young to the Museums Committee lately constituted under the relative ordinance of the Commissioners. The recent appointment of Dr. M'Vail as one of the Court's representatives on the Board of Management of the Western Infirmary having been ascertained to be incompetent under the constitution of the Western Infirmary, which precludes anyone holding a medical appointment either in it or in the Royal Infirmary from being appointed a Manager, the Court accordingly appointed the Rev. Dr. King to be one of their representatives on the Board of Management of the Western Infirmary for the ensuing year. The Secretary intimated the resignation by Mr. Walton of the Lectureship on Civil Law, in consequence of his having been appointed legal secretary to the Lord-Advocate, and it was agreed to accept Mr. Walton's resignation as from 31st December. Instructions were given for the advertizing of the vacancy thus created, and a special meeting of the Court was fixed for making the appointment of Mr. Walton's successor. It was remitted to the Law Committee to consider as to the appointment of a lecturer on Administrative Law and on Procedure. Excerpt minutes of Senate and the Faculty of Arts, in answer to a remit of the Court, were submitted, recommending that for this session separate qualifying classes in Moral Philosophy and History should not be conducted at Queen Margaret College, but that women students should be admitted to the classes in these subjects at Gilmorehill, in view of the special circumstances of the case, only three women students being desirous of attending the former class, none of whom are qualified to attend it for purposes of graduation, and only one woman student having come forward for the latter class. The Court approved of this arrangement for the present session. It was further agreed, on the recommendation of the Senate, to institute a special History Class of fifty lectures at Queen Margaret College, provided fifteen or more students present themselves, and the fee was fixed at £2 2s. A letter from Professor Barr, proposing arrangements for the introduction of electric light in his class-room, was read and his proposals were agreed to. A letter from Professor Murray regarding the salaries of himself and his assistants was remitted to the Finance Committee. The Secretary submitted a letter from Mr. James Caldwell, M.P., regarding the recent list of invitations to the installation of Sir John Gorst as Lord Rector, and a reply was instructed to be sent. An assignation of the parish stipend of Old Monkland, of which the University are the titulars, was submitted. Excerpt minutes of Senate were read, granting the privilege of special reader at the University Library. A letter from the Clerk of Senate was also submitted, reporting a case of relaxation in the matter of the preliminary examinations under Ordinance No. 12, Section X.

22nd November, 1894.—The Court met. Present—The Principal (in the chair); the Lord Provost; Sir James King, Bart., LL.D.; James Colquhoun, LL.D.; the Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Ramsay; Professor Gairdner; Sheriff Berry; and Professor Stewart. The Secretary reported that, as instructed, he had advertized the vacant Lectureship in Civil Law, and submitted the various applications and testimonials that had been received. After a vote, the Court resolved to appoint Mr. J. M. Irvine, M.A., B.Sc., LL.B., advocate, Edinburgh, to the Lectureship, on condition that he shall reside in Glasgow. The Secretary was instructed to communicate the Court's decision to Mr. Irvine, and the meeting was adjourned till the following day.

23rd November, 1894.—The Court met. Present—The Principal (in the chair); Sir James King, Bart., LL.D.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Ramsay; Professor Gairdner; Sheriff Berry; and Professor Stewart. The Principal, after an interview with Mr. Irvine, who was in attendance, informed the Court that he was willing to conform to the condition as to residence in Glasgow. Mr. Irvine was accordingly appointed to the Lectureship till 30th September, 1897. A report of the Geology Chair Committee was received, and in accordance with the recommendation therein contained, the Court resolved to communicate with the Scottish University Commissioners as to the establishment of a Chair of Geology, having for endowment the Bellahouston Grant of £5000 and the Honeyman Gillespie Funds.

13th December, 1894.—The Court met. Present—the Principal (in the chair); Sir James King, Bart., LL.D.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson; Professor Gairdner; Sheriff Berry; Professor Stewart; and Professor Jack. The appointment was intimated of Professor Jack, LL.D., as one of the four assessors of the Senate in the Court for four years from 28th November, 1894, in room of Professor Ramsay, whose term of office has expired. The Secretary reported that he had advertized the vacant Examinership in English and Moral Philosophy and Logic, and submitted the applications he had received, when after a vote Mr. Hugh Walker, M.A., Professor of English Literature in St. David's College, Lampeter, was appointed Examiner in English ; and Mr. E. Keri Evans, M.A., Professor of Logic, etc., University College of North Wales, Bangor, was appointed Examiner in Moral Philosophy and Logic—each for three years from 1st January, 1895. Mr. J. H. Fullarton, M.A., D.Sc., Marine Laboratory, Dunbar, was reappointed Examiner in Zoology for four years, from 1st January, 1895. The Lectures of Mr. F. Grant Ogilvie, M.A., B.Sc., on Mechanics ; of Mr. R. Mullineux Walmsley, D.Sc., on Physics and Electrical Engineering (including laboratory work) ; of Mr. Richard Stanfield, A.R.S.M., M. Inst. C.E., on Mechanical Engineering (including laboratory practice and drawing) ; and of Mr. John Gibson, Ph.D., on Chemistry and Chemical Laboratory Work, all of the Heriot-Watt College, Edinburgh, were recognized for purposes of graduation in Science in the University of Glasgow. A number of applications for recognition of Lectures were submitted, and remitted to a Committee for consideration and report. Dr. M'Vail moved, and the Rev. Dr. King seconded—"That it is desirable to secure the co-operation of the Muirhead Trustees and the funds at the disposal of the Trust for the medical education of women in this University, and that a Committee of the Court be appointed to inquire whether, and on what conditions, this can be effected, and to report to the Court." Professor Stewart moved, and Mr. Fraser seconded, the following amendment—"That, seeing that a Committee has already been appointed to consider this subject, and that that Committee, after conference with the Muirhead Trustees and consideration of a memorandum drawn up by them, has reported to the University Court, recommending that the scheme propounded by the Trustees should not be adopted for various reasons, and especially because the University under the scheme would be required to denude itself of the power of giving instruction to a section of its students during the last three years of the medical curriculum ; seeing that the Court adopted the Committee's report, and directed the Secretary to communicate it to the Muirhead Trustees with an expression of the Court's regret that the scheme put forward could not be accepted, and of the Court's willingness favourably to consider any other scheme under which (consistently with their statutory rights and duties) they could co-operate with the Trustees in providing for the medical education of women ; and seeing that this has been done, and the Muirhead Trustees have not put forward any other scheme for the consideration of the Court, the Court resolve that it is inexpedient, *hoc statu*, to take the action proposed in the motion, but that it be remitted to a Committee to report to an early meeting of the Court on the communications which have taken place in reference to such co-operation, and on the difficulties which stand in the way of coming to a satisfactory arrangement." On a vote being taken there voted—for the amendment 9, and for the motion 2. The amendment was accordingly declared carried, and a Committee appointed. The Court reappointed Dr. Robert Perry to represent them as a director of the Glasgow Samaritan Hospital for Women for the year 1895. The Finance Committee minute of 9th

November was read and approved, dealing *inter alia* with University investments and securities, expenses of the lantern slide department, wages of attendants, and other matters; and Mr. Percy S. Pilcher was appointed as an additional assistant to Professor Biles. The Works Committee minute of 30th November was read and approved, dealing *inter alia* with insurance of boilers, and reporting that after considering the whole question of the strip of ground at Queen Margaret College, it had been remitted to the Secretary to meet the City Engineer, and to arrange as to a suitable means of preserving the boundary by removing the present old wooden fence, and in its place continuing the iron fence which bounds the College drive. The Queen Margaret Committee minute of the same date, dealing with the servants at Queen Margaret College, was also read and approved. The librarian's report for 1893-94 was remitted to Sir J. N. Cuthbertson and the Rev. Dr. King for examination and report. The publication was authorized of illustrations of a number of exhibits belonging to the University in the memorial catalogue of the "Old Glasgow" Exhibition. A letter from the clerk of Senate was submitted reporting a case of relaxation in the matter of the preliminary examination under Section XXII. of the Arts Ordinance. A report of the Ordinance Committee of 15th November, making observations and amendments on a number of Draft Ordinances, was read and approved. A letter from the Secretary for Scotland was submitted, stating that he had laid before Her Majesty the Court's address of congratulation on the birth of a son to the Duke and Duchess of York. Excerpt minutes of Senate were read granting the privilege of special reader at the University Library. A letter from Dr. Bryce regarding the Lectureship on Anatomy at Queen Margaret College was submitted, and remitted to a Committee for consideration and report.

10th January, 1895.—The Court met. Present—The Principal (in the chair); the Lord Provost; Sir James King, Bart., LL.D.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson; Professor Gairdner; Sheriff Berry; Professor Stewart; and Professor Jack. On the recommendation of the Senate, it was agreed to recognize the day lectures on Mathematics of Mr. William Raitt, M.A., B.Sc., at the Glasgow and West of Scotland Technical College as qualifying for purposes of graduation in Science in the University. A report of Committee on applications for recognition of Extra-Mural Teaching was submitted and adopted, recommending, *inter alia*, that a fee of five guineas should be paid in future by all applicants for recognition, to be placed to the credit of a fund for payment of expenses in connection with inspection of apparatus, reports, etc., to be obtained by the Court when necessary from experts. Dr. T. H. Bryce was appointed lecturer on Anatomy at Queen Margaret College for the term of five years, from 1st October, 1894. In terms of a motion by the Lord Provost, it was remitted to the Museum Committee, along with Sheriff Berry, to consider if it is advisable to arrange for the accommodation of the Hunterian Museum or any portion of it in the new buildings to be erected by the Association for the Promotion of Art and Music in the City of Glasgow. A report by Sir John Neilson Cuthbertson and Dr. J. W. King on the librarian's report for 1893-94 was submitted. The report, *inter alia*, suggests that the University should take some means to perpetuate the names of benefactors to the library. The Court approved of the suggestion, and remitted it to the Works Committee. The report further points out that the donation of books to the library seems to be on the decline, and that the increase from this source in 1893-94 would have been insignificant but for the bequest of the library of the late Dr. M'Callum, containing about 4720 volumes, 360 of which relate to the Celtic language and literature; and further, that it is important that members of the University and the general public should be informed that while provision has been made by the Bellahouston grants for more adequately equipping the library in the department of Science, there is ample room for the aid of other benefactors in connection with the Faculties of Arts, Law, Medicine, and Theology. The Finance Committee minutes of 18th December and 8th January were read and approved, dealing, *inter alia*, with the University Accounts, the Randolph Securities, the vacant Embryology Lectureship, Lecturers' Salaries, Queen Margaret College Liquidation Final Account, and Class Fees. The first reports of the new Library and Museums Committees, recently constituted under Ordinance No. 52, were submitted and remitted to the Finance Committee for consideration and report; these reports indicate generally the condition and requirements of their respective departments, and make suggestions as to improvements which would increase their efficiency. A provisional report of the new Observatory and Laboratories Committee was also submitted, dealing with Lord Kelvin's valuable gift of physical apparatus to the University, which has now been handed over. The Secretary was further instructed to communicate with Professor Ferguson regarding the transfer to the University of his chemical apparatus in consequence of the Bellahouston grant for this purpose. Messrs. Robert and James J. MacLehose were appointed printers to the University in succession to Mr. Robert MacLehose, who has retired. A letter from Professor Biles regarding the necessity for providing an experimental tank in connection with the Class of Naval Architecture was remitted to the Finance Committee. An excerpt minute of Senate was read, granting the privilege of special reader at the University Library.

14th February, 1895.—The Court met. Present—The Principal (in the chair); M. P. Fraser, LL.B.; James Colquhoun, LL.D.; the Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sir J. N. Cuthbertson; Professor Gairdner; Professor Stewart; and Professor Jack. Apologies for absence were intimated from the Lord Provost, Sir James King, Bart.; Dr. Hector Cameron; and Sheriff Berry. The following were appointed Preliminary Examiners for the year from 1st February, 1895, viz.:—Professor Ramsay, Professor Bradley, Professor Lodge, Professor Jack; Professor Murray, Mr. A. M. Bell, Mr. R. H. Pinkerton, Dr. George Merry, Professor Strong, Mr. H. S. Beresford Webb, Mr. J. W. Marshall, and Mr. William Bathgate. The following were appointed as the representatives of the Glasgow University on the Joint Board of Examiners for the year from 1st February, 1895, viz.:—Professor

Bradley in English, Professor Ramsay in Classics, Mr. R. H. Pinkerton in Mathematics and Dynamics, and Professor Strong in Modern Languages. The Finance Committee's minutes of 28th January and 12th February were read and adopted, dealing *inter alia* with the annual abstract of the University Accounts, the University Securities, and the proposed Public Health Laboratory. It was remitted to a Committee to consider arrangements for the conduct of the Lectureship on Embryology. The Court appointed Thomas Barr, M.D., to be lecturer on Diseases of the Ear, and J. Walker Downie, M.B., C.M., to be lecturer on Diseases of the Throat and Nose for one year from 1st October, 1894. In view of the report of the Committee on Applications for Recognition of Extra-Mural Teaching, it was agreed to recognize Mr. A. H. Trow's course of Lectures on Botany at University College, Cardiff; Mr. A. B. Robertson's course of Lectures on Chemistry at the Technical School and Mining College, Coatbridge; and Dr. Malcolm Laurie's course of Lectures on Zoology at St. Mungo's College, all as qualifying for purposes of graduation in Medicine in the University of Glasgow. It was remitted to the Principal and Professor Stewart to draft a representation to the Scottish University Commissioners regarding the acceptance of the Examinations of Foreign and Colonial Universities and Colleges in lieu of the First Professional Examination. A letter from the agents of the Bellahouston Trustees was read, intimating that the Trustees are willing to increase their grant on behalf of the proposed Chair of Geology from £5000 to £6000, and the Secretary was accordingly instructed to communicate with the Scottish University Commissioners with a view to immediate steps being taken towards the institution of the Chair in question. In consequence of a letter from Professor Bradley, it was remitted to the Queen Margaret College Committee to consider and report as to the teaching of classes in English Literature at Queen Margaret College. It was remitted to the same committee to report as to providing for women students a special course of lectures on the Eye. Mr. George Burnside Buchanan, B.A., M.B., C.M., having been appointed additional Class Assistant for the present year to the Professor of Clinical Surgery, the Court gave him permission to take part in the public work of the class in terms of Ordinance No. 17, section 7. Mr. James Milligan, M.A., Garnethill School; Dr. James Colville; Mr. J. A. L. Kunz; and Dr. Alexander Tille were appointed Examiners in Education, History, French, and German respectively for Degrees in Arts during the current year. A representation by the Senate on the subject of the Endowment of New Chairs was laid on the table. A report by the Ordinance Committee dealing with Draft Ordinances General Nos. 30, 32, and 33 was read and adopted. A letter from the Rev. William H. Macleod was read, regarding the institution by Lady Macleod of a gold medal in memory of her husband, the late Professor Sir George H. B. Macleod, to be awarded in connection with the Class of Surgery, and it was remitted to the Principal and Professor Stewart to confer with Mr. Macleod as to the conditions on which the medal should be awarded. A letter from the Clerk of Senate was read reporting a case of relaxation under Ordinance No. 11, section 22. The use of a room at Queen Margaret College was granted for the annual meeting of the Queen Margaret Lecture Guild.

14th March, 1895.—The Court met. Present—The Principal (in the chair); Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sir J. N. Cuthbertson; Professor Gairdner; Sheriff Berry; Professor Stewart; and Professor Jack. Professors Barr and Bower, having been requested to be present, explained certain changes which they wished to suggest on the plans of the proposed new Botany and Engineering laboratories. They were requested to embody their suggestions in a letter to the architect, to be considered by the Court. The Principal intimated that he had received a letter from Mrs. Veitch offering to present to the University Library, as a memorial of her late husband, Professor Veitch, a collection of mediaeval books formed by him, and suggesting that it should be added to the "Hamilton" collection. The Principal added that he had accepted the offer on behalf of the University, and conveyed the thanks of the Court to Mrs. Veitch. The Court approved. A letter from Professor Ferguson was submitted accepting an offer made to him by the Court for the transference of his Chemistry apparatus to the University. Consideration was deferred of the Senate's report on the application for recognition of the Law Faculty of St. Mungo's College. Mr. James A. M'Callum, LL.B., was appointed to take the place of Mr. W. Craig Roberton, who is absent through illness, at the approaching Law Degree Examinations. Dr. David Ross was appointed Examiner in Education; Dr. William Smart, Examiner in Political Economy; and Mr. William Bathgate, Examiner in Modern Languages; all for Degrees in Arts during the present year. A report of the Queen Margaret Committee, dealing with the institution of a lectureship on English at Queen Margaret College, and with the lectureships on Surgery and Medicine there, was read and adopted. A report by the Senate on a representation by the Queen Margaret College medical lecturers as to their participation in examinations was remitted to a committee. A letter from Professor Lodge, regarding the admission of women to the class of history, and two letters from the Clerk of the General Council on the admission of women to the classes at Gilmorehill, and requesting returns of the classes, number of students, etc., at Queen Margaret College during the present session, were all remitted to the Queen Margaret Committee. In consequence of an application for recognition by the London School of Medicine for Women, it was remitted to Dr. M'Vail, Dr. Cameron, and Professor Gairdner, to visit and inspect the laboratories of the school. A number of other applications were remitted to the Committee on Applications for Recognition of Lectures. A representation to the Scottish University Commissioners, prepared by the Principal and Professor Stewart, in terms of remit of 14th February, recommending amendment of Ordinance No. 14, regarding recognition of certain examinations of Foreign and Colonial Universities, was submitted by Professor Stewart, who reported that copies had been forwarded to the Commissioners. The minute of the Finance Committee of 9th March, 1895, dealing, *inter alia*, with the University securities and the salaries of officials, was read and adopted. A report of the Committee on Negotiations with the Muirhead Trustees was ordered to be printed. A report of the Committee on the Embryology Lectureship was approved, adopting arrangements suggested by Professor Cleland for the conduct of the lectureship during the approaching summer, and Mr. James F. Gemmill, M.A., M.B., C.M., was appointed assistant to the Professor of Anatomy, with special reference to the class of Embryology. A draft agreement between Professor Cleland and the Court regarding the terms of his gift of anatomical preparations to the University was remitted to Dr. Colquhoun. Two letters from the Scottish University Commissioners regarding the proposed Chair of Geology were submitted, and the secretary was instructed to communicate further with the Commissioners on the matter. Instructions were given for advertizing the vacancy in the Chair of Logic. The Secretary reported that he had received intimation from the Commissioners that Ordinances Nos. 59 to 66 had been laid before Parliament. Excerpt minute of Senate of date 21st February was read, granting the privilege of special reader at the University Library. A report by the Senate was submitted, giving statistics of the junior and middle classes in Session 1893-94, and the Secretary was instructed to transmit the information contained in it to the Clerk of the General Council. The Court granted permission for the erection of three Fives Courts at the University on certain conditions.

22nd March. 1895.—The Court met—the Principal (in the chair); M. P. Fraser. LL.B.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Professor Gairdner; Sheriff Berry; Professor Stewart; and Professor Jack. Professor Barr laid before the Court the draft of the letter to the architect of the proposed new botanical and engineering buildings which Professor Bower and he had been instructed to prepare at the last meeting of the Court. The Court approved of the arrangements proposed by the Senate for the conducting of the class of Forensic Medicine during the coming summer, viz., that in the absence of Professor Simpson, the class should be carried on by Dr. T. Kennedy Dalziel and Dr. Gavin M'Callum. The Court approved of the arrangements made for the summer classes in Arts, and appointed the following lecturers in the various subjects: Latin, Mr. John Brown, M.A.; Greek, Mr. Ronald M. Burrows, M.A.; Mathematics, Mr. George A. Gibson, M.A.; Natural Philosophy, Mr. Magnus Maclean, M.A. The Court also sanctioned a class in Hebrew, to be conducted by Professor Robertson, with the assistance of Mr. Thomas H. Weir, B.D. The Court also approved of the following tutorial classes: Latin, Mr. Brown and Mr. Daniel Rankin, B.A.; Greek, Mr. Burrows and Mr. Rankin; Mathematics, Mr. Gibson and Mr. Daniel Lamont, M.A.; Dynamics, Mr. Maclean; Mental Philosophy, Mr. R. A. Duff, M.A.; and Hebrew, Professor Robertson and Mr. Weir. A letter was submitted from Professor Bower, making over his collection of microscopes, apparatus, etc., as a gift to the University, in pursuance of his letter of 22nd August, 1892. The secretary was instructed to convey to Professor Bower the Court's cordial thanks. An application for a grant for the purchase of additional microscopes for use in the Botanic Laboratory was remitted to the Finance Committee. It was again remitted to the Queen Margaret Committee to consider as to arrangements for a class in practical Botany at Queen Margaret College. The secretary was instructed to advertize the examinerships in Clinical Medicine and Clinical Surgery.

18th April, 1895.—The Court met. Present—The Principal (in the chair); the Lord Provost; Sir James King, Bart., LL.D.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sir J. N. Cuthbertson, LL.D.; Professor Gairdner; Sheriff Berry; Professor Stewart; and Professor Jack. Sir John N. Cuthbertson gave notice that at the next meeting he would bring under the notice of the Court a memorial received by him concerning the recent B.Sc. Degree examinations. A report by the Senate on the application for recognition of the Law Faculty of St. Mungo's College was submitted. After consideration, Sheriff Berry moved and Professor Jack seconded that the application be not granted. Dr. M'Vail moved and the Rev. Dr. King seconded, as an amendment, that the documents be remitted to an expert for report. On a vote, there voted for the amendment 2, and for the motion 7, and the motion was accordingly declared carried. The Secretary read a letter from the Scottish University Commissioners, declining to make the alterations upon Ordinance No. 14 suggested by the Court, with a view to the acceptance of the professional examinations in Medicine of Foreign and Colonial Universities. A letter from the Commissioners with regard to the proposed Geology Chair was also read, intimating that the Commissioners could not see their way to issue a Draft Ordinance instituting such a Chair unless they were assured that the emoluments of the Professor would be not less than £500 per annum. The Secretary was instructed to communicate further with the Commissioners on the subject. With regard to the proposed Degree in Public Health, the Secretary was instructed to transmit to the Commissioners, in answer to their request for information as to the laboratory accommodation to be furnished, a copy of the experts' report on the subject. The minute of the Finance Committee of the 16th inst., dealing *inter alia* with University fees, remuneration of Lecturers, remuneration of members of the Joint Board of Examiners, and medals for Women's Medical Classes, was read and approved. The report of the Queen Margaret Committee of 1st April, dealing with returns asked for by the General Council and the class of Practical Botany, was also read. In terms of the report, the Court appointed Dr. A. Maitland Ramsay lecturer on the Eye at Queen Margaret College for the present year. The following report by the committee on the negotiations which have taken place with the Muirhead Trustees was submitted:—

"On 6th September, 1892, the agents of the Muirhead Trustees wrote to the Secretary of the University Court, enclosing excerpts from Dr. Muirhead's will, and offering to confer with the Court with a view to devising a joint scheme for the medical education of women. The letter narrated that the trustees had communicated with the Council of Queen Margaret College previous to its being taken over by the University, for the purpose of ascertaining whether a joint scheme could be devised which would avoid the necessity of the trustees entering the field of medical education for women as competitors with the Queen Margaret College, and that these negotiations had not resulted in the adjustment of any basis of agreement. On 8th September, 1892, this letter was remitted to the following committee, viz.:—The Principal, Dr. Colquhoun, Dr. Cameron, Sir John N. Cuthbertson, Professor Stewart, Professor Leishman, and Sheriff Berry, with power to confer with Dr. Muirhead's trustees—Professor Stewart convener. The Committee, on examination, found that Dr. Muirhead's will contained the following provisions:—

"1. By a holograph codicil, of date 3rd March, 1888, Dr. Muirhead directed his trustees to apply the residue of his estate to founding and maintaining an institution for the instruction of women in physical and biological sciences (but not theological); an institution much on the same lines as was Anderson's College before it became part of the Glasgow and West of Scotland Technical College, but for the instruction of women, and to be managed as much as practicable by women, as Anderson's College was by men. The women students were to receive an education to fit them to become medical practitioners, dentists, electricians, chemists, etc. In this codicil, he also expressed the opinion that for the benefit of medical education, it might be well that the institution should be placed near the Glasgow Royal Infirmary or the South-Side Victoria Infirmary.

"2. A holograph separate memorandum, dated 1889, narrated that, seeing how small a share of real, good, solid, and scientific education had been accorded to women, he had been induced to bequeath the greater portion of his savings for the purpose of erecting and partially endowing an institution or college somewhat after the model of the old Andersonian, for the education of women *by women*, as far as that could practically and judiciously be carried out. He expressed the wish that the institution should not be called Victoria or Queen's, but should bear the name of Muirhead. The memorandum proceeds: 'It strikes me that the constitution of Anderson's Medical School is not a bad model to go by, though by-and-by including more physical and biological science; and as Anderson's is now placed close to the Western Infirmary, ours might and should be placed in proximity to the Victoria Hospital.' The document concludes with the words: 'I do not wish clergymen to have anything to do with the management of the college, for creeds are the firmest fetters to intellectual progress, and a man who cannot break loose from such himself is not the best hand to help others.'

"In the conference which the Committee held with representatives of the Muirhead Trustees, the difficulties connected with the will were found to be so great that Dr. Colquhoun suggested that the only effectual method of overcoming them was to procure an Act of Parliament altering the will, but this suggestion the trustees did not see their way to entertain. On 17th November, 1892, Professor Stewart reported to the University Court the result of the conference. From the statements of the trustees, it had appeared that they were bound in any case, under Dr. Muirhead's settlement, to retain in their own hands the government of the institution to be founded by the money left by him. For that and other reasons, it appeared to the Committee that it would not be in the power of the Court to accept such proposals as Dr. Muirhead's trustees were at liberty to make. The question was re-opened on 26th January, 1893, by a motion made by Dr. M'Vail, and the Court remitted to a committee, consisting of the Principal, Dr. Colquhoun, Dr. Cameron, Sir John N. Cuthbertson, the Rev. Dr. King, Dr. M'Vail, Professor Stewart, Professor Ramsay, Professor Leishman, and Sheriff

Berry, to consider whether arrangements could be made to get the aid of the funds under the Muirhead Trust to further the medical education of women in the University—Professor Stewart, convener. On 5th April, 1893, this Committee held a conference with a Committee of the Muirhead Trustees. At the conclusion of the conference, the representatives of the Muirhead Trustees undertook, on the suggestion of the Principal, to submit to the Committee of the Court, a proposal in writing. The Secretary of the Court subsequently received the following Memorandum :—

Memorandum from the Committee of the Muirhead Trustees to the University Court.

"At the recent meeting of the Committee of the Muirhead Trust and a deputation from the University Court, overtures were made to the trustees to consider whether a joint scheme could be devised whereby the aid of the Muirhead funds might be secured for the medical education of women in the University. Suggestions for such a scheme were thrown out by several of the members of the deputation, and the Committee was invited to endeavour from those suggestions to sketch and forward to the Court for consideration the outline of a scheme which, after revisal by the Court, might, with a probability of acceptance, be submitted for approval to the trustees. The Committee accordingly submit the following, which seems to them to follow pretty closely the suggestions made by the deputation, and to be at the same time such as the trustees would probably be willing to entertain :—

"1. That, as regards the medical curriculum for women, the University and the Muirhead Trust arrange for the co-ordination of their work, so that educationally it would form one organization.

"2. That the Arts and Science faculties be developed in the Queen Margaret College or elsewhere, as may be determined by the University, as the basis for special faculties which may be organized in, or in connection with, the university.

"*Note.*—The Science faculty will include all the subjects necessary for a degree in biological science, and will thus take up the first two years of the ordinary medical course.

"3. That the Muirhead Trustees develop and maintain in a 'Muirhead College,' which shall be erected in the vicinity of, and in conjunction with, the Victoria Hospital, the lectures, etc., requisite for the last three years in the ordinary medical course.

"4. That the lecturers on Clinical Medicine and Clinical Surgery in the Muirhead College be selected from the staff of the Victoria Hospital.

"5. That the lecturers for the Muirhead portion of the curriculum be lecturers of the University, and be appointed by a joint-committee nominated in equal proportions by the University Court and the Muirhead trustees.

"6. That the trustees formulate a scheme for constituting themselves a public corporate body, to be called 'The Muirhead College,' or by a similar name, with representatives from the University Court, Town Council, and other corporations in Glasgow, together with the existing trustees or some of them as life members, and, after this has been done, that said college, with the consent of the University Court, apply to the Scottish Universities Commissioners to be affiliated to the University of Glasgow under Clause 15 of the Universities Act; the Muirhead College to appoint a member to the University Court.

"7. That any bequests or donations to the University for the benefit of the medical education of women shall be divided equally between the classes at the Queen Margaret College and those at the Muirhead College; and

"8. That the financial and business matters of the Muirhead College be managed by its own governing body.

"The committee, as at present advised, believe that a scheme for co-operation on these lines between the University and the Muirhead Trust would be within the powers of the trustees; but, of course, any scheme to be agreed upon will be subject to the revision of counsel.

"For the College Committee of the Muirhead Trustees,

"(Signed) HENRY DYER.
,, EDWARD GILLESPIE.
,, THOMAS RUSSELL, *Convener*.

"On 15th May, 1893, the committee met, and, having considered this memorandum, resolved to report the following observations thereon to the University Court—Dr. M'Vail dissenting:

"1. The memorandum gives the impression that the scheme here formulated had been devised by the committee of the Court. A statement of what took place at the beginning of the conference will show that this impression is erroneous. Mr. Russell, the convener of the Muirhead Committee, introduced the business by asking the Court Committee to state the purposes for which the conference had been sought. The Principal, in reply, said that the committee had no proposals to make, but that the court had been given to understand that the Muirhead Trustees had obtained some new light since the last conference. Mr. Russell stated that nothing new had emerged. Thereupon Mr. M'Vail struck in with a suggestion which is embodied in sections 2 and 3 of the memorandum. Sheriff Berry and other members of the Committee of Court disclaimed all previous knowledge of this proposal, and on the distinct understanding that the committee was not to be held as accepting it, the meeting continued to consider its probable bearings.

"2. The memorandum goes beyond what was discussed at the conference. The leading feature of the proposal now made is a scheme of affiliation. At the conference affiliation was never mentioned.

"3. It is premature to discuss a project of affiliation when one of the bodies whose consent is necessary is still non-existent.

"4. The form of affiliation suggested is one to which, in the opinion of the committee, the University Court could not agree, for it stipulates that the University shall, contrary to all precedent, and in violation of its constitutional obligations, denude itself of the power of giving instruction to a section of its students during the last three years of the medical curriculum, and thus accept a principle the carrying out of which would convert the University into a mere examining body to test the work done in affiliated colleges.

"5. There are other objections to the scheme, such as the difficulty in practice of making a cleavage between the first two years and the last three years of the curriculum, and of teaching the two portions in places so far apart; the difficulties incident to a system of dual control, and the difficulties arising out of Dr. Muirhead's instructions as to the government of any institution founded under his will.

"6. The committee, although fully alive to the desirableness of increasing the resources and facilities of the University for the medical education of women, cannot recommend the Court to adopt the scheme outlined in the memorandum.

"On 1st June, 1893, this report having been presented to the University Court, the secretary was directed to transmit a copy of it to the Muirhead Trustees, to express the Court's regret that they were unable, for the reasons stated in the report, to concur in the proposals of the memorandum, and to add that the Court would be willing favourably to consider any other scheme under which, consistently with their statutory rights and duties, the Court could co-operate with the trustees in providing for the medical education of women. On 8th June, 1893, these instructions were carried out by the secretary, but no other scheme or modification of this scheme has been submitted by the trustees to the consideration of the Court.

"Glasgow University, 8th March, 1895."

Professor Stewart moved, and Sheriff Berry seconded, that the report be adopted. The Rev. Dr. King moved, and the Lord Provost seconded, "That the Court thank the committee for their report, but instruct the committee to prepare a scheme which, if approved by the Court, may be submitted to the Muirhead Trustees." On a vote being taken, there voted for the amendment 4, and for the motion 6. The motion was accordingly declared carried, and the report adopted. A representation against a suggested removal of the Hunterian Museum was laid on the table. The Court sanctioned certain alterations proposed by the Senate regarding the Public Law Class. A proposed institution of an Honours course in Constitutional Law and History was remitted to the Law Committee. The Court determined to make no amendments or objections to Draft Ordinance [No. 34—Regulations with regard to matriculated students]. The Court appointed Mr. Daniel Rankin, B.A., to conduct a summer class in Anglo-Saxon, and the Rev. Thomas H. Weir, B.D., to conduct a similar class in Arabic. Reports were intimated by the Senate under Ordinance 11, Sections XIII. (1) and XXII. An excerpt minute of Senate, granting the privilege of special reader in the University library, was read.

9th May, 1895.—The Court met. Present—The Principal (in the chair); Sir James King, Bart., LL.D.; Matt. P. Fraser, LL.B.; James Colquhoun, LL.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Gairdner; Sheriff Berry; Professor Stewart; and Professor Jack. A letter from the Rev. Professor W. P. Dickson, D.D., LL.D., Professor of Divinity, was submitted, stating that it was his desire to resign his chair. The Court, with great regret, agreed to accept the resignation. The Court, after a vote, appointed

Henry Edward Clark, M.R.C.S., 24 India Street, Glasgow, examiner in Clinical Surgery; and, after a vote, Thomas D. Savill, M.D., M.R.C.P. and S., D.P.H., London, examiner in Clinical Medicine; both appointments to be from the present date till 31st December, 1898. In terms of notice given at last meeting, Sir J. N. Cuthbertson laid upon the table a memorial which he had received on the subject of the recent examinations for the Degree of B.Sc., and the Secretary was instructed to write to the Professor of Chemistry for information on the subject. A letter from the General Council, with a representation that women should be admitted to the Arts Classes at Gilmorehill, was remitted to the Senate for report. A report of the Museums Committee was submitted, stating that they greatly regretted to find that it would be impossible, consistently with the present plans of the new Kelvingrove Art Gallery and Museum, to make proper arrangements for the accommodation of students. A committee, consisting of the Principal, the Lord Provost (convener), Sir James King, Dr. Colquhoun, and Professor Stewart, was appointed to consider what, if any, steps could be taken to remove the difficulties indicated in the report. The Court accepted with regret the resignation of Mr. George Merry, LL.D., Dundee, as Preliminary Examiner in English. A report by the Law Committee as to the proposed Adam Smith Chair of Political Economy was submitted, and the Secretary was instructed to communicate with Mr. Johnston, the Secretary of the Executive Committee, heartily thanking the Committee for their efforts, but pointing out that the sum subscribed was less than the sum which the Scottish University Commissioners had already indicated as insufficient in the case of the Geology Chair. Minute of the Works Committee of 8th May, 1895, dealing *inter alia* with report by the Master of Works of painting, etc., to be done at the University and Queen Margaret College during the summer, was read and approved. Minute of meeting of the Finance Committee of 7th May, 1895, dealing *inter alia* with securities about to be handed over to the University from Mr. Chas. Randolph's trustees, and quarterly accounts, was read and approved. A report by the committee on the proposed French and German Lectureships was received, and the Court resolved to institute a Lectureship in French. It was agreed that the appointment to the Logic Chair should be made at the next ordinary meeting of the Court on 13th June. An application from University College, Dundee, for recognition as a medical school was granted. A letter from the Edinburgh University Court as to the eligibility of women for scholarships, and a proposal to promote a Bill in Parliament on the subject, was remitted to the Principal, Sheriff Berry, and Professors Gairdner, Stewart, and Jack for consideration. The Court determined to recognize for graduation in Medicine the lectures of Dr. D. Campbell Black, Anderson's College, on Physiology. The Secretary reported that Ordinances 137, 139, 140, and 144 had been laid before Parliament. A letter from the General Council as to the remuneration of their Clerk was remitted to the Finance Committee. The Secretary read a letter from the Scottish University Commissioners to the effect that they are not yet able to consent to the foundation of the proposed Geology Chair, and was instructed to reply that the Court greatly regret that, if the letter in question is to be regarded as final, the Court must in the meantime give up the idea of instituting a Chair of Geology.

13th May, 1895.—The Court met. Present—The Principal (in the chair); M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Sir J. N. Cuthbertson; Sheriff Berry; Professor Stewart; and Professor Jack. A minute of meeting of the Finance Committee of this date, recommending to the Court an investment of £40,000 in bond over a landed estate, was approved and adopted.

24th May, 1895.—The Court met. Present—The Principal (in the chair); M. P. Fraser, LL.B.; James Colquhoun, LL.D.; D. C. M'Vail, M.B.; H. C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Gairdner; Sheriff Berry; Professor Stewart; and Professor Jack. A report by a Committee appointed to consider a representation by lecturers at Queen Margaret College, dated 23rd March, 1894, suggesting that these lecturers should be appointed to take part in the Degree Examinations, was submitted, recommending that the request of the lecturers should not be granted. The Court approved and adopted the report, Mr. M'Vail dissenting. A letter was submitted from David Murray, LL.D., intimating that a gentleman, whose name is not yet disclosed, is willing to give £10,000 or £12,000 for the foundation of a Chair of Political Economy. The Secretary was instructed to report this to the Scottish University Commissioners, and to inquire whether they would be willing to found a Chair with the sum named.

XV. FINANCIAL STATEMENT OF THE UNIVERSITY FOR 1893-94.

INCOME.

I. Teinds, Feu-duties, Ground Annuals, Dividends, and Interest (including Queen Margaret College, £843 18s. 8d.),				£10,408	18	7¼
II. Parliamentary Grant—						
(a) Under Universities Act (one year and a quarter), ...	£15,225	0	0			
(b) Under Education and Local Taxation Act (one year), . . .	8,700	0	0			
(c) To meet arrangement for carrying out Ordinance No. 11 in 1892-93,	794	5	10			
				24,719	5	10
III. Special Endowments—						
(a) Chairs, ...	£1,570	4	1			
(b) Lectureships, ...	842	16	4			
(c) Demonstratorships, etc., . .	486	3	10			
				2,899	4	3
IV. Income of Chairs during vacancies, ...				120	14	1
V. Class Fees—						
(a) Constituting the Fee Fund (including Queen Margaret College, £997 10s.), ...	£14,966	14	0			
(b) Other Classes, ...	2,650	4	0			
				17,616	18	0
VI. Other Fees—						
(a) Matriculation (including Queen Margaret College, £162), . .	£1,993	15	0			
(b) Examination and Graduation (including Queen Margaret College, £272 9s. 6d.), ...	4,154	10	6			
(c) Registration (including Queen Margaret College, £2), . . .	178	0	0			
(d) Towards Class Expenses in Anatomy, ...	105	14	6			
				6,432	0	0
VII. Library—						
(a) Subscriptions, ...	£68	15	6			
(b) Revenue of Legacy Funds, . .	48	0	0			
(c) Students' Catalogue, . . .	3	10	0			
				120	5	6
				£62,317	6	3¼

EXPENDITURE.

I. For period ending 30th September, 1893, including Salaries of Principal, Professors, Assistants, Examiners, Bursaries, Library, and Pensions,		£4,107 11 10
II. University Court and Senate—		
(*a*) Secretary of University Court (including £105 for extra work during past two years, and outlays, £88 3s. 4d.),	£393 3 4	
(*b*) Clerk of Senate,	157 10 0	
(*c*) Assistants to Clerk of Senate (including incidental expenses, £60 12s. 6d.),	453 0 10	
		1,003 14 2
III. General Council—		
(*a*) Registration,	£90 7 0	
(*b*) Clerk (including honorarium of £100 and salary for half-year, £25),	125 0 0	
(*c*) Printing and Outlays, per Clerk,	191 8 10	
		406 15 10
IV. Business—		
(*a*) Factors (including £400 for extra work during past two years, and outlays, £65 14s. 3d.),	£1,085 14 8	
(*b*) Auditors,	21 0 0	
		1,106 14 8
V. Ministers' Stipends,		1,596 0 7
VI. Pension Fund,		4,000 0 0
VII. Salaries—		
(*a*) Principal,	£1,100 0 0	
(*b*) Professors under Ordinance No. 25,	21,090 6 0	
(*c*) Other Professors,	3,209 14 6	
(*d*) Lecturers (including £1,300 at Queen Margaret College),	3,693 8 4	
(*e*) Assistants and Demonstrators (including £650 at Queen Margaret College),	5,006 3 0	
(*f*) Examiners (including expenses, £152 12s. 3d.),	1,371 12 3	
		35,471 4 1
VIII. Library,		1,684 5 0
IX. Museum,		422 3 7
X. Observatory,		434 16 9
XI. Buildings—		
(*a*) Repairs,	£1,207 4 1	
(*b*) Lighting,	256 11 6	
(*c*) Heating and Ventilating.	668 15 6	
(*d*) Water,	122 15 2	
(*e*) Insurance,	238 18 9	
		2,494 5 0
Carry forward,		£52,727 11 6

	Brought forward,				£52,727	11	6
XII.	Service, Cleaning, and Upkeep of Grounds,				1,408	4	6
XIII.	Class Expenses, Apparatus, etc.—						
	(*a*) Prizes and Medals,	£202	7	0			
	(*b*) Lantern Slides,	106	17	10			
	(*c*) Apparatus, Materials, etc., for Class of Civil Engineering,	68	16	6			
	(*d*) Class Expenses in other Classes,	1,265	4	3			
	(*e*) Herbarium Work,	12	8	0			
					1,655	13	7
XIV.	Printing, Stationery, and Advertising,				863	9	11
XV.	Chapel,				119	11	10
XVI.	Bursaries,				201	2	3
XVII.	Compensation for Graduation Fees,				50	0	0
XVIII.	Public Burdens, Taxes, etc. (including £21 to Glasgow Police),				555	2	10¾
XIX.	Taxes, Repairs, Lighting, Heating, Service, etc., at Queen Margaret College,				630	1	4
XX.	Interest (Randolph Trustees),				873	15	0
XXI.	Miscellaneous,				74	8	10
					£59,159	1	7¾
	Surplus for 1893-94,				3,158	4	7½
					£62,317	6	3¼

PARTICULARS OF SUMS DEVOTED TO THE MAINTENANCE OF THE TEACHING STAFF AND OF EXAMINERS.

FACULTY OF ARTS.

	Professors.			Lecturers.			Assistants or Demonstrators.			Total.		
Logic,	£984	0	0	...			£200	0	0	£1,184	0	0
Moral Philosophy,	898	0	0	...			200	0	0	1,098	0	0
Natural Philosophy,	1,252	0	0	£100	0	0	535	0	0	1,887	0	0
Greek,	1,350	0	0	67	0	0	438	6	8	1,855	6	8
Humanity,	1,430	0	0	75	8	0	450	0	0	1,955	8	0
Mathematics,	1,440	0	0	81	14	0	540	0	0	2,061	14	0
English Literature,	900	0	0	..			200	0	0	1,100	0	0
Political Economy,	...			118	18	0	...			118	18	0
French,	...			100	0	0	...			100	0	0
German,	...			100	0	0	...			100	0	0
	£8,254	0	0	£643	0	0	£2,563	6	8	£11,460	6	8

FACULTY OF SCIENCE.[1]

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Astronomy,	£600 0 0	...	...	£600 0 0
Civil Engineering,	900 0 0	...	£245 8 6	1,145 8 6
Naval Architecture,	800 0 0	...	64 0 0	864 0 0
Geology,	...	£200 0 0	98 1 4	298 1 4
	£2,300 0 0	£200 0 0	£407 9 10	£2,907 9 10

FACULTY OF MEDICINE.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Practice of Medicine,	£800 0 0	£100 0 0	£90 0 0	£990 0 0
Anatomy,	1,645 0 0	150 0 0	550 0 0	2,345 0 0
Natural History,	806 0 0	...	250 0 0	1,056 0 0
Surgery,	800 0 0	100 0 0	120 0 0	1,020 0 0
Midwifery,	523 0 2	100 0 0	...	623 0 2
Chemistry,	1,300 0 0	100 0 0	330 0 0	1,730 0 0
Botany,	830 0 0	...	125 0 0	955 0 0
Materia Medica,	780 0 0	150 0 0	79 4 0	1,009 4 0
Physiology,	1,100 0 0	...	286 2 6	1,386 2 6
Forensic Medicine,	600 0 0	50 0 0	55 0 0	705 0 0
Clinical Surgery,	323 1 2	...	...	323 1 2
Clinical Medicine,	369 2 3	...	50 0 0	419 2 3
Pathology,	...	963 16 0	...	963 16 0
Physics,	...	264 12 0	...	264 12 0
Insanity,	...	116 17 0	...	116 17 0
Diseases of the Eye,	...	107 18 4	...	107 18 4
	£9,876 3 7	£2,203 3 4	£1,935 6 6	£14,014 13 5

FACULTY OF LAW.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Law,	£774 2 0	...	...	£774 2 0
Conveyancing,	600 0 0	...	...	600 0 0
Constitutional Law and History,	...	£97 13 0	...	97 13 0
	£1,374 2 0	£97 13 0	...	£1,471 15 0

FACULTY OF THEOLOGY.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Divinity,	£634 12 3	...	...	£634 12 3
Hebrew and Semitic Languages,	700 0 0	...	£100 0 0	800 0 0
Church History,	486 6 6	...		486 6 6
Biblical Criticism,	674 16 2	...	..	674 16 2
Natural Theology,	...	£549 12 0	...	549 12 0
	£2,495 14 11	£549 12 0	£100 0 0	£3,145 6 11

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[1] This list does not include those classes in the Faculty of Science which are found under the other Faculties.

SUMMARY.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Faculty of Arts,	£8,254 0 0	£643 0 0	£2,563 6 8	£11,460 6 8
Faculty of Science,	2,300 0 0	200 0 0	407 9 10	2,907 9 10
Faculty of Medicine,	9,876 3 7	2,203 3 4	1,935 6 6	14,014 13 5
Faculty of Law, .	1,374 2 6	97 13 0	...	1,471 15 0
Faculty of Theology,	2,495 14 11	549 12 0	100 0 0	3,145 6 11
	£24,300 0 6	£3,693 8 4	£5,006 3 0	£32,999 11 10

EXAMINERS FOR DEGREES, Etc.

I. Preliminary Examinations—		
(*a*) Seven Examiners,	£351 0 0	
(*b*) Three members of Joint Board,	100 0 0	
		£451 0 0
II. Degree Examinations—		
(*a*) Three Examiners in Arts,	£240 0 0	
(*b*) Fifteen Examiners in Medicine,	465 0 0	
(*c*) Three Examiners in Law,	63 0 0	
		768 0 0
III. Expenses—		
(*a*) Preliminary Examiners,	£53 17 7	
(*b*) Joint Board,	48 9 8	
(*c*) Superintendence, etc.,	50 5 0	
		152 12 3
		£1,371 12 3

CLASS FEES.

I. Faculty of Arts—		
Humanity,	£974 8 0	
Greek,	905 2 0	
English,	807 9 0	
French,	45 3 0	
German,	6 6 0	
Hebrew,	239 8 0	
Logic,	553 7 0	
Moral Philosophy,	727 13 0	
Political Economy,	21 0 0	
Mathematics,	1,023 15 0	
Natural Philosophy,	764 8 0	
Astronomy,	2 2 0	
Chemistry,	25 4 0	
Botany,	11 11 0	
		£6,106 16 0
Carry forward,		£6,106 16 0

Brought forward,				£6,106	16	0
II. Faculty of Science—						
Mathematics,	£198	9	0			
Natural Philosophy,	273	0	0			
Astronomy,	9	9	0			
Engineering,	416	17	0			
Naval Architecture,	179	11	0			
Chemistry,	260	8	0			
Botany,	29	8	0			
Natural History,	47	5	0			
Physiology,	25	4	0			
				1,439	11	0
III. Faculty of Medicine—						
Physics,	£334	19	0			
Chemistry,	811	13	0			
Botany,	530	5	0			
Natural History,	508	4	0			
Anatomy (including Embryology),	1,484	14	0			
Physiology,	770	14	0			
Materia Medica,	904	1	0			
Forensic Medicine,	493	10	0			
Surgery,	596	8	0			
Practice of Medicine,	381	3	0			
Midwifery,	430	10	0			
Clinical Surgery,	158	3	0			
Clinical Medicine,	256	10	0			
Pathology,	869	9	0			
Insanity,	116	17	0			
Diseases of the Eye,	14	14	0			
				8,661	14	0
IV. Faculty of Law—						
Law,	£464	2	0			
Conveyancing,	348	12	0			
Constitutional Law and History,	97	13	0			
				910	7	0
V. Faculty of Theology—						
Divinity,	£236	0	0			
Church History,	151	4	0			
Biblical Criticism,	173	5	0			
Hebrew (see under Faculty of Arts),	...					
				560	9	0
Arrears recovered,				12	12	0
				£17,691	9	0
Deduct Fees returned,				74	11	0
				£17,616	18	0

APPENDIX—I.

LIST OF MEMBERS

INCLUDED IN

THE REGISTER

OF

THE GENERAL COUNCIL

FOR THE YEAR COMMENCING 1st JANUARY, 1895,

WITH ABBREVIATED ADDRESSES, ETC.

N.B.—So far as information has been available down to the time of publishing the Calendar, addresses, etc., have been corrected, and names of deceased Members removed. Members are requested to intimate to the Registrar any change of designation (*i.e.*, profession or calling), or of permanent address. Representatives of deceased Members are also requested to make intimation, in order that the names of such Members may be removed.

Abdurahman, Abdullah, M.B., Cape Town, S. Af.
Abercrombie, Pet. H., M.D., 10 Coburg pl., Lond.
Abercrombie, Ralph, M.A., minister, Goole
Acworth, Wm., M.A., minister, South Stoke
Adam, Alex., M.B., Glasgow
Adam, Basil J., M.B., 3 W. Garden st., Glasgow
Adam, David S., B.D., minister, F.C. Manse, Kelso
Adam, Hector M., B.D., minister, Aberdeen
Adam, Jas., M.A., teacher, 74 John st., Glasgow
Adam, James, M.A., M.B., Hamilton
Adam, James A., M.A., U.P. minister, Ellon
Adam, John, M.B., 18 George street, Paisley
Adam, John, M.B., 2 Knowe ter., Pollokshields
Adam, John E., M.B., Broad street, Denny
Adam, John W., M.B., Stepps rd., near Glasgow
Adam, Peter, B.D., prob., 39 Bank st., Greenock
Adam, Robert H., M.A., M.D., Paisley
Adam, Thomas, M.A., minister, Cumbernauld
Adam, Thomas, M.A., teacher, Denny
Adam, Thomas B., M.D., 37 Church st., Brechin
Adam, William, M.A., teacher, Glasgow
Adam, Wm. John, M.B., 3 Marchmont ter., Hillhead
Adam, William T., M.B., Workington
Adams, James A., M.D., 5 Woodside cr., Glasgow
Adams, John, M.A., B.Sc., teacher, Aberdeen
Adams, John, B.D., minister, Inverkeillor
Adams, John, M.B., 8 Melrose street, Glasgow
Adams, John E., B.D., min., F.C., Dreghorn
Adams, William S., M.D., Jersey
Adamson, James, M.D., Hetton-le-Hole
Adamson, James, M.A., minister, Maree, N.S.W.
Adamson, John G., M.D., Lurgan, Armagh
Adamson, Wm. F., M.A., minister, Galashiels
Addie, John, M.A., minister, Perth
Affleck, John, M.A., D.Sc., Inspector of Chemical
    Works, Woolton
Agnew, Alex. P., M.B., Burnley, Lancashire
Agnew, James M., minister, Longhope, Orkney
Agnew, Rbt. R., M.A., tch., 11 Hopetoun pl., Glas.
Aiken, Jas., M.A., stud., 5 Glenavon ter., Partick
Aiken, James, M.A., writer, Dalmoak
Aiken, John B., M.A., writer, Dalmoak
Aikman, Charles Brown, writer, Glasgow
Aikman, Chas. M., M.A., D.Sc., chemist, Stirling
Aikman, John, M.D., Guernsey
Ainsworth, William T., M.B., 91 King st., Crieff
Aird, Alex. W., M.B., Newmilns
Aird, Hugh, M.A., D.D., minister, Brechin
Aird, Robert, M.A., tch., Tarbert, Loch Fyne
Aitken, David, M.A., teacher, Paisley
Aitken, George R., M.A., stud., 353 Bath st., Glas.
Aitken, Jas., M.A., stud., 15 Glasgow st., Hillhead
Aitken, James, M.B., 39 Gibson street, Hillhead
Aitken, James, M.B., 12 Dalhousie st., Glasgow
Aitken, Jas. A., M.B., 29 S. Cumberland st., Glas.
Aitken, James R., M.A., min., 255 P'shaws rd., Gl.
Aitken, John, M.D., Buckhaven
Aitken, John R., M.A., stu., 2 Woodlands ter., Gl.
Aitken, Patrick H., M.A., B.Sc., B.D., min., Lond.
Aitken, Robert, B.L., writer, Edinburgh
Aitken, Robert Easton, C.A., Glasgow
Aitken, Robert Y., M.B., Carsehead, Dalry, Ayrsh
Aitken, Thos. M., B.Sc., engr., Pollokshields
Aitken, Wm. B., M.B., Carsehead, Dalry
Aiton, Thomas, B.A., minister, Livingston
Aiton, Wm., B.L., law agt., 115 St. Vincent st., Gl.
Alexander, Andrew, M.A., surgeon, London, E.C.
Alexander, Arch., M.A., min., Spittal, Berwick
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Wylie, Adam Howie, M.D., Oldham
Wylie, Alex., M.A., min., 1 Mardale cr., Edin.
Wylie, Alex., W.S., 21 Douglas cr., Edinburgh
Wylie, Alex., M.B., Croxall Grange, Lichfield
Wylie, And., M.B., Garnocklea, Hamilton
Wylie, Charles F., M.B., 7 Elgin terrace, Partick
Wylie, James, M.B., 64 Kelvingrove st., Glasgow
Wylie, John, M.B., The Crescent, Dalmuir
Wylie, John, M.B., Stewarton, Ayrshire
Wylie, Rich. J., M.B., 1 The College, Glasgow
Wylie, William, M.A., teacher, Burray, Orkney
Wylie, Wm. S., B.L., writer, 149 St. Vincent st., Glas.
Wyllie, John, B.L., law clerk, Lennoxtown
Wyllie, John, M.D., 262 Beverley road, Hull
Wyllie, William, M.D., Kirby, Lonsdale
Wyllie, William, M.A., minister, Kirkcaldy
Wyper, John N., B.L., law-cl., 40 Claremont st., Gl.

Yair, David W., minister, Firth, Orkney
Yair, John M., M.B., Lorne Park, Bournemouth
Yarrow, Henry, M.B., Glasgow
Yeaman, George, M.D., Glasgow
York, William, writer, Glasgow
Young, Alex. G., M.B., Rillington, York
Young, Alf. A., M.A., M.B., 11 Gt. Western ter., Gl.
Young, Archibald, M.A., minister, Aberdeen
Young, Arch., B.Sc., stu., 20 Albert dr., Polloksh'lds
Young, Daniel L., M.A., clerk, Glasgow
Young, David, M.D., Glasgow
Young, David, D.D., minister, Bridge-of-Allan
Young, David, M.B., Partick
Young, David, M.A., stu., F.C. Hall, Glasgow
Young, David, B.D., prob., Flemington, Strathaven
Young, Eben. D., M.A., W.S., Edinburgh
Young, Frank S., M.A., st., 11 Gt. Western ter., Gl.
Young, George B., B.L., solicitor, Falkirk
Young, Homer, M.A., min., Bowden, St. Boswells
Young, Hugh C. T., M.B., Paisley
Young, James, M.A., tch., South Schoolho., Biggar
Young, James, M.D., Redbourn, Herts
Young, James, minister, Tighnabruaich
Young, James, M.A., minister, Paisley
Young, Jas. J. T., M.B., F.C. manse, Tighnabruaich
Young, Jas. M., M.B., 32 Lilybank gds., Hillhead
Young, James W., writer, Kilsyth
Young, John, M.D., professor, Glasgow
Young, John, M.B., Earlston
Young, John, M.D., Sheffield
Young, John, minister, Greenock

Young, John, M.A., B.Sc., sec. to Tech. Coll., Gl.
Young, John, M.B., 3 Whitehill gardens, Glasgow
Young, John, M.A., stu., 10 High street, Bathgate
Young, John C., M.B., Aden, Arabia
Young, Robert Arthur, LL.B., advocate, Glasgow
Young, Robert B., M.A., M.B., Dowanhill
Young, Robert H., M.B., Glasgow
Young, Robert, M.A., teacher, Lerwick
Young, Robert R., M.B., 2 Melbourne st., Leicester
Young, Robert T., M.A., prob., Bridge-of-Allan
Young, Thomas, M.D., Manchester
Young, Thomas C., LL.B., writer, Glasgow
Young, William, M.A., minister, Baldernock
Young, Wm., M.B., 32 Lilybank gds., Hillhead
Young, William G., M.D., Glasgow
Young, William, minister, Barrhead
Young, William M., M.A., M.B., Leeds
Young, William R., M.A., tch., 26 Port st., Stirling
Young, William S., M.B., Crescent, Garliestown
Younger, Arch. S., B.Sc., eng., 15 Arlington st., Glas.
Younger, Robert T., LL.B., advocate, Edinburgh
Yuill, John, M.B., Tannochside, Uddingston
Yuille, Geo. S., M.A., stu., Schoolho., Eaglesham
Yuille, James, minister, Peterhead

Zahm, Frank B., B.Sc., naval arch., New York
Zinkeisen, William, B.Sc., chemist, Glasgow
Zuill, John, M.A., M.B., Kincardine-on-Forth
Zuill, Robert, M.B., Carnock. Dunfermline

APPENDIX II.

ORDINANCES MADE BY THE SCOTTISH UNIVERSITY COMMISSIONERS

Under the Universities (Scotland) Act, 1889.

I. Ordinance No. 57. [General, No. 19.—Regulations as to Bursaries, Scholarships, and Fellowships.]

At Edinburgh, the Thirtieth day of July, Eighteen hundred and ninety-four years.

Whereas, etc.: Therefore the Commissioners under the first-mentioned Act statute and ordain with regard to bursaries, scholarships, and fellowships which have taken effect prior to the 30th day of August, 1864, as follows:—

General.

I. For the purposes of this Ordinance, bursaries in the Faculty of Arts (hereinafter referred to as bursaries in Arts) shall be deemed to be the bursaries now attached to the said Faculty by Deed of Foundation or by custom.

II. Bursaries in Arts heretofore tenable for four years shall continue to be so tenable, provided that, if the holders graduate after the three years' course, they shall only retain their bursaries during the fourth year of tenure if they shall engage in a course of study approved by the Senatus Academicus in subjects included in the curriculum for Degrees in Arts or in Pure Science.

III. All bursars in Arts, subject to the provision as to the fourth year of tenure contained in the immediately preceding section, shall attend in each year at least two classes qualifying for graduation in Arts, and shall duly perform the work of these classes: Provided (1) that, for the purposes of this section, the classes known as Middle Classes, so long as the same exist, may be attended in place of classes qualifying for graduation; and (2) that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to permit such bursars as they shall from time to time select to attend classes qualifying for graduation in Pure Science in place of classes qualifying for graduation in Arts.

IV. It shall be in the power of the Senatus Academicus to suspend or deprive a bursar, scholar, or fellow on the ground of misconduct, or, if it think fit, on the ground of his failure to obtain class certificates, or to produce such other evidence as may be required that he is prosecuting his studies in a manner satisfactory to the Senatus Academicus.

V. Bursaries in Divinity heretofore tenable for four years shall continue to be so tenable: Provided that, if the holders graduate after the three years' course, they shall only retain their bursaries during the fourth year of tenure if they shall engage in a course of study in Divinity approved by the Senatus Academicus.

VI. In the case of a bursary, scholarship, or fellowship, not in the gift of a patron, becoming vacant by forfeiture or otherwise before the expiry of the period of tenure, it shall be in the power of the Senatus Academicus, with the approval of the University Court, to determine as to the disposal thereof, or of the income thereof, during the remainder of the said period.

VII. Any bursary tenable in several Faculties successively shall not be attached to any one of such Faculties in any year other than a year in which in ordinary rotation it would have been attached to such Faculty.

VIII. It shall be in the power of the Senatus Academicus to require, as a condition of tenure, any holder of a scholarship or fellowship who is a graduate to engage in teaching within the University or to conduct tutorial classes, unless he shall satisfy the Senatus Academicus that he is pursuing special higher studies, or that he is engaged in original research.

IX. Each Examiner at competitions for bursaries, scholarships, or fellowships shall receive suitable remuneration, and it shall be in the power of the University Court to charge the funds of bursaries, scholarships, or fellowships with the necessary expenses of examination.

Open Bursaries.

X. (1) The subjects of the Examination for open bursaries in Arts of the first year shall be the subjects prescribed for the Preliminary Examination in Arts instituted by Ordinance No. 11 [General, No. 6—Regulations for Degrees in Arts], Section III. The Examination shall be taken at the Spring or the Autumn Preliminary Examination, according as the University Court shall determine, and shall be upon the same papers: Provided that the Senatus Academicus may, for purposes of competition, subject candidates to any further test that may be deemed necessary.

(2) Candidates for such bursaries who select in the Bursary Competition Examination, Latin, Greek, or Mathematics, shall, for the purposes of the competition, take the papers of the higher standard in those subjects: Provided that nothing herein contained shall prevent a candidate passing the Preliminary Examination if he complies with the provisions of Ordinance No. 11 [General, No. 6.—Regulations for Degrees in Arts], and Ordinance No. 44 [General, No. 16.—Regulations for Degrees in Arts Supplementary to Ordinance No. 11].

(3) No candidate shall, except as hereinafter provided, obtain a bursary in Arts who shall not have passed the Preliminary Examination in Arts: Provided that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to admit to a bursary in Arts a candidate who shall have passed in at least three subjects of the Preliminary Examination, on the condition that he shall not retain the bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as bursar: Provided also that this power shall lapse after the expiry of seven years from the date hereof unless it be renewed by Ordinance.

XI. It shall be competent for the Senatus Academicus, with the approval of the University Court, from time to time to make regulations as to the conditions under which persons shall be eligible to compete for bursaries of the first year in the Faculties of Arts and Science: Provided always that no student, who has during a winter or summer session attended any class qualifying for graduation in the said Faculties in any Scottish University, shall be eligible to compete for such bursaries.

XII. (1) In determining the marks to be assigned to the several subjects of the Bursary Competition Examination, English, Latin, Greek, and Mathematics shall each have assigned to them double the marks assigned to any other subject.

(2) Candidates may select not more than five subjects for examination from the subjects of the Preliminary Examination in Arts, and no candidate shall be credited with marks in any subject in which he has not obtained such proportion of the total number of marks assigned to that subject as the Senatus Academicus may from time to time prescribe.

XIII. The Senatus Academicus, in determining the results of the Bursary Competition Examination, may award bursaries in Arts of the first year in respect of exceptional distinction in any one branch of study: Provided that this power shall not be exercised with regard to more than two bursaries in any one year.

XIV. Bursaries open for competition to students entering on their first session of attendance in the Faculty of Medicine shall be tenable only by those students who have passed the Preliminary Examination in Medicine, or who have been exempted therefrom in accordance with the provisions of Section VI. of Ordinance No. 46 [St. Andrews, No. 4—Regulations for Degrees in Medicine], Ordinance No. 14 [Glasgow, No. 1.—Regulations for Degrees in Medicine], Ordinance No. 15 [Aberdeen, No. 1.—Regulations for Degrees in Medicine], or Ordinance No. 16 [Edinburgh, No. 1.—Regulations for Degrees in Medicine], and who have not attended any class qualifying for graduation in Medicine: Provided always that the last-mentioned condition shall not be held to exclude a candidate who may have attended the class of Physics, Chemistry, Botany, or Zoology, otherwise than as part of a graduation course in Medicine.

Restricted and Preferential Bursaries.

XV. Candidates for bursaries in Arts which are not awarded by open competition shall present themselves for the Preliminary Examination in Arts prescribed by Ordinance No. 11 [General, No. 6.—Regulations for Degrees in Arts], Section III., and no bursary shall, except as hereinafter provided, be awarded to any candidate who shall not have passed the Preliminary Examination in Arts: Provided that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to admit to a bursary in Arts not awarded by open competition a candidate who shall have passed in at least one subject of the Preliminary Examination, on the condition that he shall not retain the bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as bursar.

XVI. In the case of a bursary, scholarship, or fellowship in the gift of a patron, including bodies corporate and not corporate, becoming vacant by forfeiture or otherwise during the period of tenure, the Senatus Academicus shall forthwith give notice of the vacancy to the patron, who may, within such time as the Senatus shall fix, appoint a qualified student to fill the vacancy ; and if he fail to do so within such time, the Senatus Academicus may select a deserving student to fill the vacancy until the next Preliminary Examination at which bursaries are awarded, when the patron's right to present shall revive.

XVII. On the occurrence of a vacancy in any bursary in the gift of a patron, including bodies corporate and not corporate, at the expiry of the period of tenure, the Senatus Academicus shall give notice of such vacancy to the patron of the bursary and of the date fixed for the Preliminary Examination next ensuing at which bursaries are awarded ; and the patron may, if he think fit, submit to the Senatus the names of two or more candidates eligible for such bursary, who shall undergo an examination to be conducted by the examiners for open bursaries in the University, and the result of the examination shall be communicated to the patron for his information, who shall thereafter present to the bursary.

XVIII. In the case of a bursary in the gift of a patron, including bodies corporate and not corporate, if no qualified person be presented before the date of the Preliminary Examination intimated in terms of the immediately preceding section, the bursary shall be open to unrestricted competition for that year ; and in the event of no qualified person being presented as before provided at the beginning of the next academical year the Senatus may either throw open the bursary to unrestricted competition, or continue the same to the student to whom it had previously been awarded : Provided that this section shall not apply in cases where the patron shall previously satisfy the Senatus Academicus that proper arrangements have been made for the selection of a bursar.

Miscellaneous.

XIX. In the case of bursaries designed for poor students, the Senatus Academicus shall satisfy itself that the circumstances of candidates are such as to entitle them to the benefit of the endowment, and for this purpose the Senatus may require that a declaration be made by a parent or guardian, or by the minister of religion or schoolmaster, of each candidate as the Court shall think fit.

XX. In the case of the bursaries enumerated in the first column of the Schedule hereunto annexed, the preferences and restrictions set forth in the second column of the said Schedule shall be and are hereby cancelled, and shall be of no force or effect.

XXI. Nothing herein contained shall apply to any bursary or endowment granted by any incorporation or society whose funds, capital or revenue, have been and are contributed and paid by the members of such incorporation or society by way of entry monies or other fixed or stated contributions.

XXII. The Senatus Academicus, with the approval of the University Court, shall prescribe the subjects of examination and the conditions of competition for bursaries, scholarships, or fellowships, in so far as the same are not prescribed by Ordinance or by deed of foundation.

XXIII. The provisions of any Ordinance of the Commissioners under the Universities (Scotland) Act, 1858, in so far as inconsistent with the provisions of this Ordinance, are hereby repealed.

XXIV. This Ordinance shall come into force from and after the 1st day of January, 1895, or as soon thereafter as it may be approved by Her Majesty in Council: Provided that nothing herein contained shall extend to, or affect the interests of, any person holding a bursary, scholarship, or fellowship at the date of its coming into effect. [Approved on 11th May, 1895.]

In Witness whereof these presents are sealed with the Seal of the Commission.

A. S. KINNEAR, *Chairman.*

SCHEDULE.

Date.	Name of Bursaries.	Restrictions or Preferences.
	GLASGOW.	
1831	James Adam, . .	Preference to kin of founder and name of Adam.
1836	John Adam, . . .	Preference to kin of founder and name of Adam or Dollar.
1674	Adamson, ...	Restriction to sons of freemen in one of the seven Incorporate Trades of Stirling.
1635	Boyd and Sanders, .	Preference to names of Boyd, Sanders, Corbet, Colquhoun, and Wardrop.
1777	Brisbane, ...	Preference to kin of founder.
1697	Brown (David), . .	Preference to kin of founder.
1697	Craig, ...	Preference to name of Craig and kin of spouse of founder.
1700	Gilchrist, ...	Restriction to sons of tradesmen freemen of Burgh of Glasgow. Preference to names of Gilchrist, Bryce, and Boyd.
1753	Gilbagie, ...	Preference to names of Somerville or Wallace.
1613	Howison, ...	Restrictions to Candidates to be of "ye craftismanis rank."
1863	Lamb, ...	Preference to applicants in parish of Carmichael or Pittenain. Restricted to applicants from Presbytery of Lanark.
1863	Logan, ...	Preference to names of Logan and Johnstone.
1641	Old Library or Hutcheson, ...	Preference to son of burgess, particularly to one of name Hutcheson or Herbertson.
1809	Stuart, ...	Preference to names of (1) Stuart, and (2) Simpson.
1857	Tayler, ...	Preference to (1) kin of founder bearing the name of Tayler or Taylor, and (2) names of Ronald, Dunlop, Henderson, and M'Arthur in order.

II. ORDINANCE NO. 58. [GENERAL, NO. 20.—REGULATIONS FOR ADMITTING WOMEN TO BURSARIES, SCHOLARSHIPS, AND FELLOWSHIPS.]

At Edinburgh, the Thirtieth day of July, Eighteen hundred and ninety-four years.

WHEREAS, etc.: Therefore the Commissioners under the first-mentioned Act statute and ordain as follows:—

I. (1) It shall be in the power of the University Court in each University, after consultation with the Senatus Academicus, to make regulations from time to time for the purpose of appropriating for competition without restriction as to sex, or for competition among women students only who are proceeding to a degree in any Faculty, such number, if any, of open bursaries, which have taken effect prior to the 30th day of August, 1864, as the University Court may think fit: Provided always (*a*) that the Court and the Senatus in each University shall, in making such regulations, have regard to the number of bursaries in that University specially appropriated to women by the terms of the deeds of foundation; (*b*) that no bursary shall be appropriated to students in any other Faculty than that to which it is at present attached, except under Section III. of Ordinance [General, No. 19.—Regulations as to Bursaries, Scholarships, and Fellowships].

(2) It shall be in the power of the University Court of each University, in like manner, to open to competition, without restriction as to sex, such number, if any, of scholarships or fellowships tenable by graduates, which have taken effect prior to the 30th day of August, 1864, as the said Court may think fit.

II. Save as hereinbefore provided, women shall not be allowed to compete for or hold any bursary, scholarship, or fellowship, which is not expressly open to competition by women by the terms of the deed of foundation.

III. Women competing for bursaries, scholarships, or fellowships under the provisions of this Ordinance shall be subject to all the provisions prescribed by Ordinance [General, No. 19.—Regulations as to Bursaries, Scholarships, and Fellowships].

IV. This Ordinance shall come into force from and after the first day of January, 1895, or as soon thereafter as it shall be approved by Her Majesty in Council: Provided that nothing herein contained shall extend to, or affect the interests of, any person holding a bursary, scholarship, or fellowship at the date of its coming into force. [Approved on 11th May, 1895.]

In Witness whereof these presents are sealed with the Seal of the Commission.

A. S. KINNEAR, *Chairman.*

III. ORDINANCE NO. 64. [GENERAL, NO. 26.—REGULATIONS AS TO CUSTODY AND MANAGEMENT OF LIBRARIES.]

At Edinburgh, the Fourth day of February, Eighteen hundred and ninety-five years.

WHEREAS, etc.: Therefore the Commissioners under the first-mentioned Act statute and ordain as follows :—

I. The Librarian in each University shall have the ordinary management of the Library of the University, subject to the superintendence of the Library Committee appointed under the provisions of Ordinance No. 8 [St. Andrews, Aberdeen, and Edinburgh, No. 1.—Libraries and Museums], and Ordinance No. 52 [Glasgow, No. 6.—Libraries and Museums].

II. The Librarian in each University, and such Assistant-Librarians as the University Court, on the report of the Library Committee, may think necessary, shall be appointed by the University Court. The University Court shall also have the power of suspending or dismissing such Librarian and Assistant-Librarians.

III. All books ordered for the Library by the Library Committee shall be sent direct to the Librarian, and all books received by him shall be forthwith catalogued by him in such manner as the Library Committee may direct, and stamped with the Library stamp ; and no person shall be allowed to use or borrow any book until it has been entered in the catalogue and stamped.

IV. The Librarian shall, with the approval of the Library Committee, from time to time prepare a list of such books, manuscripts, and other works as cannot, in consequence of any deed of gift or otherwise, be lent out of the Library ; and the Library Committee shall from time to time make such regulations as they shall think expedient for allowing access to such works for consultation.

V. Manuscripts, rare books, works of reference, and such other works as the Library Committee shall determine, shall not be lent out of the Library, except under regulations to be made by the Library Committee and approved by the Senatus Academicus and the University Court; and, in addition to such general regulations, the Library Committee may, in each individual case of borrowing such works, impose such special conditions as they may think necessary or expedient : Provided always that every such special permission and all such additional conditions imposed by the Library Committee shall be entered in the Minute-Book of the Committee.

VI. It shall be in the power of the Librarian at any time to withdraw any work from circulation, subject to appeal to the Library Committee.

VII. It shall be in the power of the University Court, after consultation with the Senatus Academicus, and on the report of the Library Committee, to sell or exchange such works as they consider it in the best interests of the Library to dispose of.

VIII. A general inspection of the Library of each University shall take place in each University, at such times and during such periods as the University Court, on the report of the Library Committee, shall determine, and all works whatsoever, and by whomsoever borrowed, shall be returned to the Library before the commencement of such periods, under a penalty previously fixed and publicly notified by the University Court.

IX. The Library Committee in each University shall frame regulations to be approved by the University Court, under which the persons hereinafter mentioned may respectively borrow or consult books. Such regulations shall prescribe, *inter alia*, (*a*) the number of books which the said persons shall be entitled to borrow; (*b*) the period for which they shall be allowed to retain them; (*c*) the penalties to be imposed in the event of their failure to return books in due time, or in the event of books being lost or injured. The persons entitled to borrow books shall be:—

1. Members of the Senatus Academicus and University Lecturers.
2. University Assistants and Examiners.
3. The Librarian and Assistant Librarians.
4. Matriculated Students.
5. Extra-academical Teachers, recognized by the University Court, in the town in which the University is situated.
6. Students enrolled in any Scottish University as attending the lectures of extra-academical teachers in the town in which the University is situated, and who are already entitled by Ordinance to the use of the Library.
7. Persons who have retired or who shall hereafter retire from the office of Principal or Professor.
8. Members of the University Court.
9. Members of the General Council.

    Provided that no member of the University Court or of the General Council shall be entitled to obtain from the University Library books required by the teachers or students of the University in the prosecution of academic work and research, and that it shall be in the discretion of the Librarian, subject to appeal to the Library Committee, to decide from time to time what books are so required.

In fixing the number of books to be borrowed by the aforementioned persons respectively, due regard shall be had to the preferable claims of those engaged in teaching and studying in the University.

X. Members of the General Council shall be required, as a condition of exercising the privilege of borrowing books, to pay such subscription as the University Court shall fix from time to time.

XI. The University Court shall determine what sum, if any, shall be deposited by those entitled to borrow books.

XII. The Library Committee, with the approval of the University Court, may admit to the use of the Library, upon such conditions as to subscription and otherwise as they may require, members of the General Councils of other Scottish Universities and graduates of the University who, by reason of being under the age of twenty-one years, are not qualified to be members of the General Council.

XIII. It shall be in the power of the Library Committee from time to time to grant the use of the Library to such extent and on such conditions as they shall think expedient to persons who may not be members of the University, for purposes of literary research, and the names of those privileged readers shall be reported annually to the University Court.

XIV. So long as any Library subscription or any fine incurred remains unpaid, and so long as any person continues in possession of a book which he is not entitled to retain, the right of the defaulter to the use of the Library shall be suspended and remain in abeyance.

XV. The Library Committee shall, in an annual report to the Senatus Academicus, furnish information as to:—

1. The state in which the borrowing registers are kept, and whether there is in use any finding list or other means for facilitating the recall of books.
2. The condition of the various catalogues, whether they are brought up to date or not; the amount of arrears, if any, of the cataloguing of the titles of current acquisitions; and what portions of the Library, if any, remain uncatalogued.
3. The amount of money spent in the purchase of books and periodicals respectively; and how the expenditure has been distributed among the several departments of literature and science.

XVI. At such time as shall be fixed by the Senatus Academicus the Librarian shall report to the Senatus in reference to the year then ended:—

1. The particulars of every case of admission to special reading privileges.
2. The particulars of every case in which the right to the use of the Library has been suspended or is in abeyance.
3. Every case in which a book belonging to the Library has been replaced at the expense of a borrower.
4. The titles of all books belonging to the Library, known to have been lost or seriously injured, or found at the time of inspection to be amissing.
5. The titles of all books entered as missing in previous reports which have been recovered.
6. The number of accessions to the Library acquired by purchase and received in donation respectively.
7. Any other matter which the Librarian may think it of importance to bring under the notice of the Senatus Academicus, or which he may be directed by the Library Committee to report.

The Senatus Academicus shall forward the report to the University Court.

XVII. Ordinances numbered 68 and 89 of the Commissioners under the Universities (Scotland) Act, 1858, are hereby repealed: Provided that the regulations therein contained shall continue to be in force in each University until new regulations have been framed by the Library Committee and approved by the University Court under the provisions of this Ordinance.

XVIII. This Ordinance shall come into force from and after the date of its approval by her Majesty in Council.

In witness whereof these presents are sealed with the Seal of the Commission.

A. S. KINNEAR, *Chairman.*

IV. ORDINANCE No. 134. [GLASGOW, No. 33.—REGULATIONS FOR DEGREES IN SCIENCE IN AGRICULTURE.]

At Edinburgh, the Sixteenth day of March, Eighteen hundred and ninety-five years.

WHEREAS etc. : Therefore the Commissioners under the said Act statute and ordain, with regard to the University of Glasgow, as follows :—

I. A degree of Bachelor of Science in Agriculture may be conferred by the University of Glasgow.

II. Every candidate for the degree of Bachelor of Science in Agriculture must pass the Preliminary Examination prescribed by Ordinance No. 11 [General, No. 6—Regulations for Degrees in Arts]; and the conditions with respect thereto imposed by the said Ordinance shall be applicable in all respects to this Ordinance, except as follows :—(1) French or German may be substituted for Latin or Greek ; (2) Mathematics shall be passed on the higher standard ; (3) a degree in Arts (not being a degree *honoris causâ tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court after consultation with the Senatus Academicus, shall exempt from the Preliminary Examination ; (4) the Preliminary Examination must be passed before the candidate presents himself for any part of the First Science Examination, but not necessarily before the candidate enters on his curriculum.

III. (1) Candidates must in the course of not less than three Academical years, within the meaning of the Ordinance hereinbefore first mentioned, attend at least twelve courses of instruction, in the subjects specified in Section VIII. of this Ordinance.

(2) It shall be the duty of the Senatus to determine from time to time which of the said courses shall be full courses and which shall be half courses respectively, and also to determine the number of meetings of which such full courses and half courses respectively shall consist, and to report its determination to the University Court for its approval.

IV. (1) Five full courses or their equivalent (counting two half courses as one full course) must be taken in the University of Glasgow. The course in Agriculture and Rural Economy must also be taken in the University of Glasgow, if instruction in the said subjects be provided in the University, or in the Glasgow and West of Scotland Technical College : Provided always that that course in the said College shall be accepted as equivalent to a course in the University, subject to the following conditions :—

(*a*) The Senatus Academicus shall be represented on the governing body of the Technical College.

(*b*) All future appointments to the Chair of Agriculture in the Technical College shall be vested in a Joint Committee, consisting of three members of the University Court and of three members of the governing body of the Technical College.

(2) The remainder of the said courses may be taken in other Universities or Institutions approved by the Universitiy Court, or under teachers recognized by the University Court for purposes of graduation in Science in Agriculture: Provided that the fees for attendance at an approved Institution in Glasgow or under a recognized teacher there shall not be less than the fees exigible for the corresponding courses in the University of Glasgow.

(3) Residence and practical work at a farm shall be required of each candidate to such an extent and under such regulations as the Senatus, with the approval of the University Court, may from time to time appoint.

V. All students availing themselves of the permission to attend the lectures of the teachers in the various departments of Agriculture in the Glasgow and West of Scotland Technical College, or of teachers in other approved institutions in Glasgow, or of other recognized teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a fee of the same amount as the matriculation fee paid by the students of the University, and having in respect of such payment a right to the use of the Library of the University.

VI. (1) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Senatus a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(2) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Faculty of Science for its consideration a syllabus of the subjects and books proposed for the work of their classes during the next Academical year. The Faculty of Science shall transmit such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VII. The provisions of the immediately preceding section shall not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the University of Glasgow, where such exist.

VIII. The subjects of study shall be as follows:—

1. Mathematics or Biology (*i.e.*, Zoology and Botany).
2. Natural Philosophy.
3. Chemistry.
4. Agriculture and Rural Economy.
5. Agricultural Chemistry.
6. Geology.
7. Veterinary Hygiene.
8. Agricultural Botany.
9. Agricultural Entomology.
10. Economic Science as applied to Agriculture.
11. A course in one of the following:—
    - (*a*) Forestry.
    - (*b*) Experimental Physics.
    - (*c*) Engineering.
12. Engineering Field Work.

IX. (1) There shall be a First Science Examination in the three following subjects—viz., (1) Mathematics or Biology (*i.e.*, Zoology and Botany); (2) Natural Philosophy; (3) Chemistry.

(2) The examination in all these subjects shall be the same as the examination in these subjects for the degree of Bachelor of Science, under the provisions of Ordinance No. 12 [General, No. 7—Regulations for Degrees in Science].

(3) Candidates may present themselves in any one or more of the subjects of the First Science Examination at any examination held after they have attended a full course in the subject or subjects professed.

X. (1) There shall be a Final Science Examination in the remaining subjects (4 to 12 inclusive) specified in Section VIII. hereof.

(2) Candidates may present themselves in any one or more of these subjects at any examination held after they have passed the whole of the subjects comprised in the First Science Examination, and have attended the required courses in the subjects professed.

XI. A candidate for the degree of Bachelor of Science in Agriculture shall not be deemed to have attended a class as part of the Curriculum for that degree who does not present a certificate bearing, not only that he has given regular attendance, but also that he has duly performed the work of the class.

XII. The Examiners for the degree of Bachelor of Science in Agriculture shall be the Professors of the subjects in the Curriculum in the University of Glasgow, the Professor of Agriculture in the Glasgow and West of Scotland Technical College, and such additional Examiners as the University Court shall see fit to appoint.

GENERAL.

XIII. Candidates who produce certificates that they have satisfied all the conditions prescribed by this Ordinance, and who have passed the necessary examinations, shall be entitled to receive the degree of Bachelor of Science in Agriculture, on payment of the fees required.

XIV. The degree of Bachelor of Science in Agriculture shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causâ tantum*.

XV. This Ordinance shall come into force from and after the date on which it is approved by Her Majesty in Council.

In witness whereof these presents are sealed with the Seal of the Commission.

A. S. KINNEAR, *Chairman.*

APPENDIX III.

EXTRA-ACADEMICAL TEACHING.

N.B.—Every application for recognition must be accompanied by a payment to the University Factors, Messrs. Hill & Hoggan, 194 Ingram Street, Glasgow, of a fee of £5 5s., to be placed to the credit of a fund for defraying the cost of investigation by experts of the fitness of the teacher applying, or of the institution in respect of which application is made, and of the accommodation, apparatus, and teaching appliances at the disposal of the teacher or institution.

The following regulations for the recognition of Extra-Academical Teaching under Ordinances Nos. 14, 12, and 23, were adopted by the University Court on 14th June, 1894 :—

IN THE CASE OF INDIVIDUAL EXTRA-ACADEMICAL TEACHERS.

1. Every application shall be made to the Secretary of the University Court and shall supply the following information :—

(*a*) The registrable or other qualification or qualifications of the applicant.

(*b*) A statement of his opportunities of studying the subject and the length of time devoted thereto.

(*c*) A statement of his experience in teaching the subject.

(*d*) A note of any of his published articles or works on the subject.

(*e*) The appointments which he holds as a teacher of the subject in which he requests recognition, and a statement whether the course for which recognition is sought has previously been conducted by him, and if so, for how long. If the applicant is a teacher in a Medical School, College of Science, or other similar Institution, the most recent issue of the Calendar of such School, College, or Institution, should be forwarded.

(*f*) The number of meetings to which the course extends, whether each meeting is for one hour or longer, and a statement of the proportion of the course to be devoted to lectures, practical demonstrations, examinations and tutorial work. In the case of a practical course, information should be given as to the manner of conducting it, the number of examinations, oral or written, and whether or to what extent lectures or tutorial work form part of the course. It should also be stated whether, besides the teacher for whom recognition is sought, assistants or demonstrators take part in conducting the course (whether systematic or practical), and, if so, their number, qualifications, and the extent to which they take part in conducting the course. A syllabus of the subjects treated in the course and of the books proposed for the use of students should also be sent in every case.

(*g*) The hour or hours at which the course is conducted.
(*h*) The accommodation, apparatus, and teaching appliances provided for the class.
(*i*) The teaching or examining bodies which have recognized his course.

II. In the case of an applicant conducting courses in Glasgow or its neighbourhood an inspection shall be made of his accommodation and appliances for teaching.

III. Every Extra-Academic Teacher in Glasgow whose course has been recognized under Ordinance No. 12 or Ordinance No. 14 shall, at the commencement of each session, call the attention of his whole class to the provisions of the Ordinance as to enrolment and payment of fee at the University by all students who desire afterwards to graduate there; he shall also call attention to the University requirements as to preliminary examination (more stringent in the case of medical students than the minimum required by the General Medical Council); and shall advise any students looking forward to a University degree to procure from the Matriculation Office a copy of the syllabus of regulations applicable to their course.

IV. Every recognized Extra-Academical Teacher shall annually within one month of the close of the session furnish the University Court with a return of

(*a*) The number of students who have attended the recognized course or courses, in such manner as to qualify *pro tanto* for graduation in the University of Glasgow.
(*b*) Any change that may have been made in the accommodation or appliances provided.
(*c*) A statement showing, for the year next ensuing, the number of meetings to which the course extends, whether each meeting is for one hour or longer, and the proportion of the course to be devoted to lectures, practical demonstrations, examinations, and tutorial work. In the case of a practical course information should be given as to the manner of conducting it, the number of examinations, oral or written, and whether, or to what extent lectures or tutorial work form part of the course. It should also be stated whether, besides the recognized teacher, assistants or demonstrators take part in conducting the course (whether systematic or practical), and, if so, their number, qualifications, and the extent to which they take part in conducting the course. A syllabus of the subjects to be treated in the course, and of the books proposed for the use of students, should also be sent.

V. The certificate of attendance granted by Extra-Academical Teachers should in all cases state the number of lectures or meetings for practical instruction in the course, the number of occasions on which the student was present, the fee charged, and bear that the student has duly performed the work of the class.

VI. Every candidate not being a matriculated student attending the course of an Extra-Academical Teacher in Glasgow, recognized for the purposes of graduation in Medicine or Pure Science, must at the commencement of each year enrol his name in a book kept at the University for that purpose, paying a fee of the same amount as the matriculation fee, and having in respect thereof a right to the use of the University Library. (Ord. No. 14, § VIII. 5 ; Ord. No. 12, § V.)

VII. The fee for attendance for the purposes of graduation on the courses of instruction of an Extra-Academical Teacher in Glasgow shall not be less than the fee for the corresponding University Class. (Ord. No. 14, § VIII. 6 ; Ord. No. 12, § IV. 2 ; Ord. No. 23, § IV. 2.)

VIII. The Court will not in any case recognize for the purposes of graduation in Medicine the course of any teacher who teaches at the same time more than one of the subjects, except where the applicant is a professor or teacher of any endowed public college or institution, who, by the terms of his appointment, is required to teach more than one of the subjects, and in that case recognition can be granted in one subject only. (Ord. No. 14, § VIII. 7.)

IX. It is a condition of every recognition granted by the Court that it can be withdrawn or suspended at any time if the Court see fit.

X. The recognition of any teacher who fails to furnish the information required in terms of Regulation IV., or a sufficient explanation relative to such failure, or who has ceased for the period of two consecutive sessions to teach the subject in which he is recognized, shall *ipso facto* terminate.

IN THE CASE OF SCHOOLS OR INSTITUTIONS.

I. Every application shall be made to the Secretary of the University Court, and shall supply the following information :—

(*a*) A statement of the number of teachers and a detailed syllabus of the curriculum courses proposed to be given, or, in the case of practical classes, information of a similar kind.

(*b*) The number and duration of lectures proposed to be given and the number of examinations, whether written or oral, deemed necessary, or in the case of a practical class, information of a similar kind. It should also be stated whether assistants or demonstrators take part in conducting the courses (whether systematic or practical).

(*c*) The hours of lectures.

(*d*) The teaching or examining bodies which have already recognized the curriculum or certificate of the school or institution making application.

(*e*) A statement as to the accommodation, apparatus, and appliances at the disposal of the teachers in the school or institution making application.

(*f*) A note of the fees proposed to be charged.

II. The Court shall, if it thinks fit, cause an inspection to be made of the accommodation, apparatus, and teaching appliances provided by the school or institution making application.

III. Every recognized school or institution shall annually within one month of the close of the session furnish the University Court with a return of (*a*) The number of students who have attended the recognized school or institution in such manner as to qualify *pro tanto* for graduation in the University.

(*b*) Any change that may have been made in the accommodation or appliances provided.

(*c*) A statement showing, for the year next ensuing, the number of meetings to which the courses extend, whether each meeting is for one hour or longer, and the proportion of the courses to be devoted to lectures, practical demonstrations, examinations, and tutorial work. In the case of practical courses information should be given as to the manner of conducting them, the number of examinations, oral or written, and whether, or to what extent, lectures or tutorial work form part of the courses. It should also be stated whether assistants or demonstrators take part in conducting the courses (whether systematical or practical).

IV. The certificates of attendance granted by recognized schools or institutions should in all cases state the number of lectures or meetings for practical instruction in the courses, the number of occasions on which the student was present, the fees charged, and bear that the student has duly performed the work of the classes.

V. The fees for attendance for the purposes of graduation on the courses of instruction in a recognized school or institution shall not be less than the fees for the corresponding University classes. (Ord. No. 14, § VIII. 6; Ord. No. 12, § IV. 2; Ord. No. 23, § IV. 2.)

VI. It is a condition of every recognition granted by the Court that it can be withdrawn or suspended at any time if the Court see fit.

LIST OF EXTRA-ACADEMICAL TEACHERS.

List of Extra-Academical Teachers recognized by the University Court of the University of Glasgow, for the purpose of Graduation in Medicine and Science, in terms of Ordinances of the Universities Commissioners (1858 and 1889), the names of those who are recognized for Graduation in Science being printed in *italics*.

2 Oct., 1867,	Stevenson M'Adam, Ph.D., Edin.,	*Chemistry.*
19 April, 1876,	Dr. James Gow Black, Otago,	*Chemistry.*
,,	Miller Coughtrey, M.B., Otago,	*Anatomy.*
7 Nov., 1876,	John Dougall, M.D., Glasgow,	*Materia Medica.*
,,	James Stirton, M.D., Glasgow,	*Midwifery.*
12 Sept., 1877,	A. M. Buchanan, M.D., Glasgow,	*Anatomy.*
21 Dec., 1880,	William Craig, M.D., Edinburgh,	*Materia Medica and Therapeutics.*
,,	J. O. Affleck, M.D., Edinburgh,	*Practice of Medicine.*
,,	John Barlow, M.D., Glasgow,	*Physiology.*
,,	Samson Gemmell, M.D., Glasgow,	*Practice of Medicine.*
24 May, 1881,	Byrom Bramwell, M.D., Edin.,	*Practice of Medicine.*
26 Jan., 1882,	William L. Reid, M.D., Glasgow,	*Midwifery.*
13 Feb., 1883,	John Glaister, M.D., Glasgow,	*Forensic Medicine.*
22 July, 1885,	James J. Dobbie, M.A., D.Sc., University Coll., Bangor,	*Chemistry.*

22 July, 1885,	Reginald W. Phillips, B.A., B.Sc., University Coll., Bangor,	*Botany.*
28 April, 1886,	A. Smithells, B.Sc., Yorkshire College, Leeds,	*Chemistry.*
4 Oct., 1887,	Claud M. Thompson, University College, Cardiff,	*Chemistry.*
,,	W. Newton Parker, University College, Cardiff,	*Zoology.*
27 Feb., 1890,	James Robertson Watson, M.A., Glasgow,	*Chemistry and Practical Chemistry.*
,,	John Lindsay Steven, M.D., Glas.,	*Pathology.*
,,	Alex. Robertson, M.D., Glasgow,	*Practice of Medicine.*
,,	Philip J. White, M.B., University College, Bangor,	*Zoology.*
26 Feb., 1891,	Thomas King, Glasgow,	*Botany.*
5 Jan., 1892,	B. C. A. Windle, M.D., Queen's Coll., Birmingham,	*Anatomy.*
,,	F. J. Allen, M.A., M.B., C.M., Mason Science Coll., Birmingham,	*Physiology.*
,,	W. A. Tilden, D.Sc., Mason Science Coll., Birmingham,	*Chemistry.*
,,	T. W. Bridge, M.A., Mason Science Coll., Birmingham,	*Zoology.*
,,	W. Hillhouse, M.A., Mason Science Coll., Birmingham,	*Botany.*
28 April, 1892,	James Swanson, M.A., M.B., C.M., St. Mungo's Coll., Glasgow,	*Botany.*
23 Feb., 1893,	*James Blyth, M.A.*, Technical College, Glasgow,	*Physics.*
,,	J. W. Carr, M.A., University College, Nottingham,	*Botany.*
27 April, 1893,	*G. G. Henderson, D.Sc.*, Technical College, Glasgow,	*Chemistry.*
,,	A. Gray, M.A., University College, Bangor,	*Physics.*
,,	J. H. Poynting, D.Sc., Mason College, Birmingham,	*Physics.*
20 July, 1893,	J. Berry Haycraft, M.D., University College, Cardiff,	*Physiology.*
9 Nov., 1893,	J. A. Thomson, M.A., Edinburgh,	*Zoology.*
,,	A. P. Aitken, D.Sc., Edinburgh,	*Chemistry.*
,,	J. F. King, Edinburgh,	*Chemistry.*
,,	W. I. Macadam, Edinburgh,	*Chemistry.*
,,	J. B. Readman, D.Sc., Edinburgh,	*Practical Chemistry.*
,,	D. N. Paton, M.D., Edinburgh,	*Physiology and Practical Physiology.*
,,	R. Stockman, M.D., Edinburgh,	*Materia Medica and Therapeutics.*
,,	A. Bruce, M.D., Edinburgh,	*Pathology and Practical Pathology.*

9 Nov., 1893,	F. W. N. Haultain, M.D., Edinbro',	*Midwifery.*
,,	R. M. Murray, M.B., Edinburgh,	*Midwifery.*
,,	G. A. Gibson, M.D., Edinburgh,	*Practice of Medicine.*
,,	R. W. Philip, M.D., Edinburgh,	*Practice of Medicine.*
,,	W. Husband, M.D., Edinburgh,	*Vaccination.*
14 Nov., 1893,	R. B. Ness, M.A., M.B., Anderson's College, Glasgow,	*Materia Medica and Therapeutics, and Practical Pharmacy.*
,,	Dawson Turner, M.D., Edinburgh,	*Physics.*
8 Feb., 1894,	J. W. B. Hodsdon, M.D., Edinbro',	*Surgery.*
,,	H. E. Clark, M.R.C.S., Glasgow,	*Surgery.*
,,	*Andrew Jamieson, M.I.C.E.*, Technical College, Glasgow,	*Electrical Engineering.*
8 Mar., 1894,	John M. Brown, M.B., C.M., Edin.,	*Anatomy and Practical Anatomy.*
,,	Chas. W. Cathcart, M.B., C.M., Edinburgh,	*Surgery.*
,,	John S. M'Laren, M.B., C.M., Edinburgh,	*Surgery.*
,,	Robert T. Kent, M.A., F.R.C.S., St. Mungo's College, Glasgow,	*Anatomy.*
14 June, 1894,	George T. Beatson, M.D., Glasgow,	*Surgery.*
,,	Francis M. Caird, M.B., C.M., Edinburgh,	*Surgery.*
,,	Alexander James, M.D., School of Medicine, Edinburgh,	*Practice of Medicine.*
,,	A. N. M'Alpine, Minto House, Edinburgh,	*Botany.*
,,	Augustus A. Matheson, M.D., School of Medicine, Edin.,	*Midwifery.*
,,	William Russell, M.D., School of Medicine, Edinburgh,	*Pathology and Practical Pathology.*
,,	Henry Alexis Thomson, M.D., Minto House, Edinburgh,	*Surgery.*
2 Aug., 1894,	George B. Todd, M.B., C.M., Anderson's College, Glasgow,	*Zoology.*
,,	R. Turnbull, B.Sc., Medical College for Women, Edinburgh,	*Botany.*
,,	John Hardie, M.B., C.M., F.R.C.S.E., Edinburgh School of Medicine,	*Anatomy and Practical Anatomy.*
,,	Percy F. Frankland, Ph.D., B.Sc., F.R.S., Mason Coll., Birming.,	*Chemistry.*
13 Dec., 1894,	*F. G. Ogilvie, M.A., B.Sc.*, Heriot Watt College, Edinburgh,	*Mechanics.*
,,	*R. M. Walmsley, D.Sc.*, Heriot Watt College, Edinburgh,	*Physics and Electrical Engineering.*
,,	*R. Stanfield, A.R.S.M., A.M.Inst. C.E.*, Heriot Watt Coll., Edin.,	*Mechanical Engineering.*

13 Dec., 1894,	_John Gibson, Ph.D._, Heriot Watt College, Edinburgh,	_Chemistry and Chemical Laboratory._
10 Jan., 1895,	_William Raitt, M.A., B.Sc._, Technical College, Glasgow,	_Mathematics._
14 Feb., 1895,	A. H. Trow, B.Sc., University College, Cardiff,	_Botany._
,,	A. B. Robertson, F.C.S., Coatbridge Technical School and Mining College,	_Chemistry._
,,	Malcolm Laurie, B.A., D.Sc., F.R.S.E., St. Mungo's College, Glasgow,	_Zoology._
9 May, 1895,	D. Campbell Black, M.D., Anderson's College, Glasgow,	_Physiology._

And the ordinary Physicians and Surgeons of any General Hospital in the United Kingdom which accommodates not fewer than eighty patients, and possesses a distinct staff of Physicians and Surgeons. (See Ordinance No. 14, Section VII. (5).)

APPENDIX IV.

GLASGOW UNIVERSITY EXTENSION BOARD.

The University has organized a scheme for the extension of University teaching, by means of local lectures and classes, upon the lines which have proved so successful in the case of the Universities of Oxford and Cambridge. Its purpose is to give, as far as possible, the advantages of University education to those whose circumstances do not permit them to attend the University. It is especially intended to meet the wants of (1) ladies, (2) clerks and other persons engaged in business, and (3) artizans of all classes. The Scheme is under the management of the following Board:—Sir James King, Bart., LL.D., _Chairman;_ *Robert Gourlay, Manager, Bank of Scotland, St. Vincent Place, Glasgow, _Hon. Treasurer;_ *R. M. Wenley, M.A., D.Sc., 8 St. Alban's Terrace, Glasgow, W., _Hon. Sec.;_ Professor M'Call Anderson, M.D.; Professor Barr, D.Sc.; *William Bathgate, M.A., H.M.I.S.; Walter G. Blackie, LL.D.; Professor Bower, Sc.D., F.R.S.; *Professor Bradley, M.A.; *J. Cleland Burns; Professor Buchanan, M.D., LL.D.; The Very Rev. Principal Caird, D.D.; James Campbell of Tullichewan; Professor Charteris, M.D.; William Clark; Stewart Clark of Kilnside; Professor Cleland, M.D., LL.D.; Mrs. Archibald Coats; Thomas Glen Coats; *Archibald Craig, LL.B.; George Crichton; Sir John Neilson Cuthbertson; Peter Denny, LL.D.; The Rev. Professor Dickson, D.D.; The Rev. Principal Douglas, D.D.; *Henry Dyer, M.A., D.Sc., C.E.; Professor Ferguson, LL.D.; Charles Gairdner, LL.D.; Professor Gairdner, M.D., LL.D.; James Grahame; *John Hutchison, LL.D.; *Professor Jack, LL.D.;

William Jolly, H.M.I.S.; Professor Lord Kelvin, LL.D., D.C.L.; William Ker; J. H. Kerr; John Kerr, LL.D., H.M.I.S.; *Mrs. Lindsay; Sir James D. Marwick, LL.D.; *Sir Donald Matheson, K.C.B.; T. A. Mathieson; Professor Moir; Donald Morrison, LL.D.; Professor Murray, B.A.; James Macdonald, LL.D.; *The Rev. A. R. M'Ewen, D.D.; *Professor M'Kendrick, M.D., F.R.S.; Miss Grace Paterson; R. W. Cochran-Patrick of Woodside, LL.D.; *Professor Ramsay, LL.D.; The Rev. Professor Robertson, D.D.; Thomas Russell of Ascog; Professor Simpson, M.D.; *William Smart, LL.D.; J. Parker Smith of Jordanhill, M.P.; Sheriff Spens, LL.D.; Alexander Stephen; *The Rev. Professor Stewart, D.D.; The Rev. Professor Story, D.D.; Professor Moody Stuart; *The Rev. John Watt, D.D.; *Mrs. R. M. Wenley.

Those marked * constitute the Executive.

A Prospectus giving an account of the movement and of the mode of working it, together with a list of lecturers and subjects, may be had (post free) on application to Mr. Wenley, the Secretary, 8 St. Alban's Terrace, Glasgow, W., to whom communications by local committees and all persons interested should be addressed.

APPENDIX V.

UNIVERSITY SOCIETIES.

GLASGOW UNIVERSITY UNION.

At a Meeting of Students and Graduates, held on the 14th day of February, 1885, it was unanimously resolved to establish a Glasgow University Union. A sum sufficient to erect a building for this purpose having been offered to the Senate by JOHN M'INTYRE, Esq., M.D., Odiham, Hampshire, and the Senate having accepted this gift, Articles of Constitution were drawn up by a Committee of Students and Graduates, and received the approval of the Senate, the Donor, and of the Students' Representative Council. A further sum of £12,000 was raised by the Union Bazaar of 1889, and devoted to furnishing and endowing the building. In 1893, to meet the increasing membership, the building was largely extended at a cost of £2800. The Union is governed by a Board of Directors, appointed by the Committee of Management which is elected annually at the General Meeting of the Members.

Objects.—The objects of the Union are to provide Students with the comforts and conveniences of a Social Club, to hold Debates, and to form a centre to which the various University Societies may be affiliated. The Buildings comprise a Debating Hall, a Dining Hall, Reading and News Rooms, Billiard and Smoking Rooms, Committee Rooms, Lavatories, etc.

Membership.—The Members of the Union are Ordinary Members or Life Members.

Ordinary membership of the Union is open to all matriculated Students and all former Students of the University, and all Medical Students of Glasgow whose names are enrolled in the Extra-mural Album of the University, on payment of an Annual Subscription of Five Shillings. Students may join for the summer session only, on payment of Three Shillings.

All matriculated Students and former Students of the University may, on payment of the sum of Three Pounds Three Shillings, become Life Members of the Union.

President—J. A. Stokes Little, M.A. *Vice-President*—Prof. Coats, M.D.
Hon. Secretary—A. MacCallum Scott, 8 North Albert Road, Pollokshields, W.
Hon. Treasurer—M. P. Fraser, LL.B.
Assistant Secretary and Treasurer—J. Wallace.
Librarian—Gavin L. Pagan, M.A.

Board of Directors—The Office-bearers; Jas. J. MacLehose, M.A., and Joshua Ferguson, M.A. (former students); W. Craig Henderson, M.A., and A. J. Fleming, M.A. (students).

Former Presidents of the Union.

1890.	John H. Harley, M.A.
1890–91.	Robert Bell, M.B.
1891–92.	John Paterson, M.A., M.B.
1892–93.	F. A. Macquisten, B.L.
1893–94.	Joshua Ferguson, M.A.
1894-95.	Joshua Ferguson, M.A.

THEOLOGICAL SOCIETY.

The object of the Society is to discuss, by means of essays and debates, theological and ecclesiastical questions. The membership of the Society is open to all students attending the Divinity Hall of the University; but all matriculated students in faculties other than the Faculty of Divinity are eligible for extraordinary membership.

Honorary President—C. G. Montefiore.
President—J. M. Dickie, M.A. *Vice-President*—G. L. Pagan, M.A.
Secretary—W. J. N. Service, M.A., 25 Kelvinside Terrace, South.
Treasurer—J. L. Tulloch, M.A.

Committee.

A. S. Gilchrist, M.A.
A. M. Nelson.
D. G. Webster, M.A.
A. Watt, M.A.

(With two students of the first year in Divinity to be elected in November.)

MEDICO-CHIRURGICAL SOCIETY.

The principal business of the Society is the prosecution of Medical Research by Dissertations, Lantern and Microscopic Demonstrations, and Debates.

All Medical Students and Medical Men of one year's standing are eligible for Ordinary Membership, which may be obtained on payment of the Annual Subscription of Two Shillings and Sixpence.

Meetings of the Society are held in the Union Buildings every Friday Evening during the Winter Session, at 7 o'clock.

Office-Bearers for 1895-96.

Honorary President—Professor Joseph Coats, M.D.

President—Joshua Ferguson, M.A.

Vice-President—J. Eric Wilson.

Demonstrator—Thomas Hunter, M.A.

Secretaries.

Corresponding—William Duncan, The Union.
Minute—D. S. Harvey.

Treasurer—Robert Carswell, M.A.

Librarian—Hugh Calderwood, B.Sc.

Committee.

James D. Graham.
Samuel Anderson, B.Sc.
Alex. B. Sloan.
George Coats.
Kenneth M. Duncan.
Arthur J. Ballantine.
Hyam Goodman, M.A.
James Scott, M.A.

(With two Students of the first year in Medicine to be elected in November.)

Books are given out at weekly meetings, or during the week on written application.

DIALECTIC SOCIETY.

The Society meets weekly during the Session for the discussion of Literary, Philosophical, and Political subjects.

All matriculated Students are eligible for Ordinary Membership, which is obtained by payment of the Annual Subscription of One Shilling.

Honorary President.

A. C. Bradley, M.A., Professor of English Literature.

President—W. M. R. Pringle.

Vice-Presidents.

Senior—A. J. Fleming, M.A. *Junior*—A. M. Scott.

Secretaries.

Senior—D. P. Fleming, M.A., Sheriff Villa, Rutherglen.
Junior—J. Russell Aitken, M.A.
Treasurer—J. Scoular Thomson.
Macer—J. Middleton.

General Board.

J. G. Spens, M.A.
A. M. Hamilton, M.A.
W. L. Parkin.
A. Boyd Scott.
A. Roy Johnston.
J. R. Tannahill.
Hugh Brown.
John Wallace.

GLASGOW UNIVERSITY ORIENTAL SOCIETY.

(Instituted 1880.)

The object of the Society is the study of the languages and literatures of the East.

All Students of Oriental languages are eligible for election to the membership.

The Society meets twice a year—in the months of April and October.

Office-Bearers.

President—Rev. Professor James Robertson, D.D.

Vice-President—Mr. R. B. Pattie, B.D.

Corresponding Secretary—Rev. James Young, B.D.

Recording Secretary—Rev. A. Cameron Watson, B.D.

Treasurer—Rev. Robert Gardiner, B.D.

GLASGOW UNIVERSITY ALEXANDRIAN SOCIETY.

This Society was formed in January, 1887. It has for its chief object the discussion of questions connected with the Literatures of Ancient Greece and Rome. The membership is open to Members of the University. Any distinguished Scholar or any Member of the University of five years' standing, or any person officially connected with the University, is eligible for Honorary Membership.

Office-Bearers.

Honorary Presidents.

Professor G. G. Ramsay, LL.D. | Professor G. G. A. Murray, M.A.
Professor A. C. Bradley, M.A.

President—G. Macdonald, M.A.

Vice-Presidents—J. Brown, M.A., and Gavin Scott.

Secretary—R. D. Bell, Hillend House, Greenock.

Treasurer—A. Fraser.

Committee.

J. Gillespie.
J. M. Ramsay.
H. F. Wallace.
J. P. Brander.
T. Craig.
R. Candlish.

GLASGOW UNIVERSITY PHILOSOPHICAL SOCIETY.

(Instituted 1887.)

This Society was instituted for the promotion of Philosophical Discussion and Investigation. It meets on Wednesday Evenings at Eight o'clock during the Winter Session, in the Union. Ordinary Membership is open to all Students who have attended or are attending Philosophical Classes in any University. The annual subscription is one shilling for those who are members of the Union, and one shilling and sixpence for those who are not.

Office-Bearers for Session 1895-96.

Honorary Presidents.

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A. M. Scott.
J. Shillinglaw, M.A.
Miss E. Scobie.

(And two others to be elected in November.)

GLASGOW UNIVERSITY ENGINEERING SOCIETY.

(Instituted 1891.)

The objects of this Society are the promotion of the study of Engineering and the diffusion of Engineering information among the members, by the reading of papers, by discussions, by visits to Engineering works in progress, and by such other means as the Society shall approve.

The membership is open to all past and present Students of the University.

Office-Bearers for Session 1895-96.

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GLASGOW UNIVERSITY PHYSICAL SOCIETY.

This Society was founded in 1884 "for the discussion of scientific subjects in general, and the diffusion of scientific information among its members, by special communications, and any other means which the Society may from time to time approve."

Meetings are held at regular intervals during the Winter Session, usually on every alternate Friday at 8 P.M. The syllabus for the year is issued in autumn, and may be had from the Secretary after the commencement of the Winter Session.

All past and present students of the University who are interested in Natural Science and Philosophy are eligible for membership. The subscription for the ensuing year has been fixed at One Shilling.

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Vice-President—Alexander Galt, B.Sc., F.R.S.E.
Secretary—John Gray.
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Letters should be addressed to the Secretary of the Society at the Physical Laboratory.

GLASGOW UNIVERSITY CHEMICAL SOCIETY.

The objects of the Society are the promotion of the study of Chemistry, and the diffusion of Chemical information amongst its Members. Past and present Students of the University are eligible for membership on payment of an Annual Subscription of One Shilling. Meetings are held monthly during the Winter Session.

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(Instituted 1821.)

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From Law—
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GLASGOW UNIVERSITY CHRISTIAN ASSOCIATION.

The object of this Society is the promotion of religious life and fellowship in the University.

In connection with the Association there is held a Weekly Prayer Meeting, and through the Students' Settlement and other agencies, students are afforded opportunities of engaging in Christian work.

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Thomas Cochrane.
S. D. Cowan, M.A.
J. L. Morison.
B. Nielson.
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GLASGOW UNIVERSITY TOTAL ABSTINENCE SOCIETY.

The object of this Society is to unite the abstaining students in the University, and to promote the cause of Total Abstinence. This work it accomplishes among the students by means of lectures, sermons, etc., while, outside the University, it carries on a successful Temperance Mission Work.

Office-Bearers for 1895-96.

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Committee.

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President—C. S. M'Gregor.

Vice-President—H. A. Mollison.

Hon. Secretary and Treasurer—A. D. D. Crawford, 183 West George Street, Glasgow.

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Stuart Foulis.	A. D. D. Crawford, 183 West George Street, *Hon. Sec.*
M. P. Fraser, LL.B.	

The object of the Club is the promotion of all forms of Athletic exercise. The Membership is confined to present and past Students of the University. The affairs of the Club are managed by a General Committee and Sub-Committees, one for each form of Athletic exercise. The General Committee are entrusted with the management of all matters concerning the Field, Pavilion, Annual Games, etc. The Sub-Committees are entrusted with the arrangements for each special form of exercise, subject always to the approval of the General Committee. The Annual Subscription to the Club is 2s. 6d., with a further Subscription for each form of exercise. None but Members of the Club are entitled to play any game under charge of any Sub-Committee.

The Annual General Meeting is held on the first Friday in November. Special Meetings are held when required.

GLASGOW UNIVERSITY UNITED PRESBYTERIAN STUDENTS' SOCIETY.

Honorary President—Rev. John M. Wilson, B.D.

President—J. E. M'Intyre.

Vice-President—J. W. Copeland.

Secretary—James Marr, Knowehead, Mauchline.

Treasurer—A. W. Wilkie.

Committee.

R. L. Turner, J. W. Patrick, John Copeland, N. M. Leys,
and another to be elected in November.

This Society meets every Saturday at 10 a.m., in the Hall of Woodlands Road U.P. Church.

The objects of the Society are the promotion of social intercourse and the furtherance of moral and intellectual culture among its members.

All Students attending the University in any Faculty, who are connected with the United Presbyterian Church, are eligible for membership, which is obtained by the payment of the annual subscription of One Shilling. Students not connected with the United Presbyterian Church may become Associates.

GLASGOW UNIVERSITY RIFLE CLUB.

President—The Very Rev. Principal Caird, D.D., LL.D.

Vice-Presidents—Professor Murray and Colonel James A. Reid.

Team Captain—T. Eaton Robinson (Captain 1st Lanark R.V.), 285 George Street, Glasgow.

Vice-Captain—T. Stout (Captain 1st Lanark R.V.).

Secretary and Treasurer—John Coats, 160 Hope Street, Glasgow (Captain 3rd V.B.H.L.I.).

Committee—A. H. Donald (Captain and Honorary Major 1st L.R.V.), John Coats (Lieutenant 3rd V.B.H.L.I.), T. W. Cuthbertson (Captain 4th V.B.S.R.), and Robert Carswell (Lieutenant 1st L.R.V.).

Its objects shall be to promote rifle shooting among students and ex-students of Glasgow University, and to provide the means of having Glasgow University well represented in the annual match for the Inter-University Trophy.

All students and ex-students of Glasgow University shall be eligible as Patrons and Ordinary Members. All persons officially connected with the University shall be eligible as Patrons. Both classes of Members may take part in the competitions.

All persons, eligible as above, subscribing 10s. or upwards annually, shall be *ipso facto* Patrons. The subscription for Ordinary Members shall be 5s. for ex-students, and 2s. 6d. for present students, all payable by 1st March annually. These annual subscriptions may be commuted by a present payment of £3 3s., entitling the person paying to become a Life Patron.

THE UNIVERSITY CLUB, GLASGOW, 202 BATH STREET.

The Club is instituted for the association of gentlemen connected with the universities of the United Kingdom or with foreign universities.

The following persons are eligible for admission into the Club as ordinary members:—(1) Graduates and *alumni* of any recognized university in the United Kingdom or abroad; (2) Professors, and persons holding any honorary office in connection with a university; (3) Persons who, though not possessed of any of the above qualifications, have, in the judgment of the Committee, other equivalent qualifications.

The entry-money is £3 3s., and the annual subscription for a member having a residence or place of business within five miles of Glasgow Royal Exchange, is £3 3s., and for a member having neither a residence nor place of business within that distance, £1 11s. 6d.

Members joining on and after 1st July in any year pay one half subscription for that year, and on and after 1st December members are admitted for the succeeding year, having the use of the Club during December in addition.

Committee for 1895.

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Robert MacLehose, M.A.
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Professor Henry Jones, M.A.
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Secretary and Treasurer—Thomas M. Stewart, LL.B., 173 St. Vincent Street, Glasgow.

Full particulars as to membership, etc., may be obtained on application to the Secretary.

GLASGOW UNIVERSITY CLUB, LONDON.

The objects of the Club are to maintain good fellowship among its members, and to promote the interests of the University of Glasgow and of higher education in connection therewith.

Graduates, and all who are or have been students of the University of Glasgow, or officially connected with it, are eligible for membership.

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James M. Dodds, M.A., Dover House, Whitehall, S.W.

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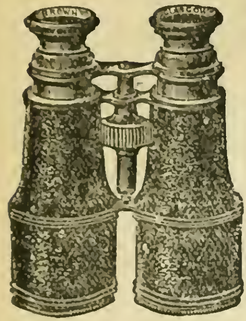

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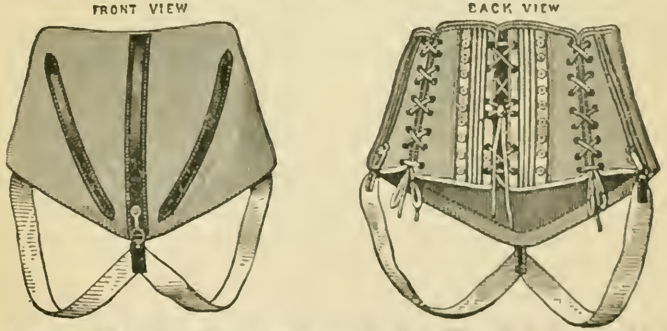

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